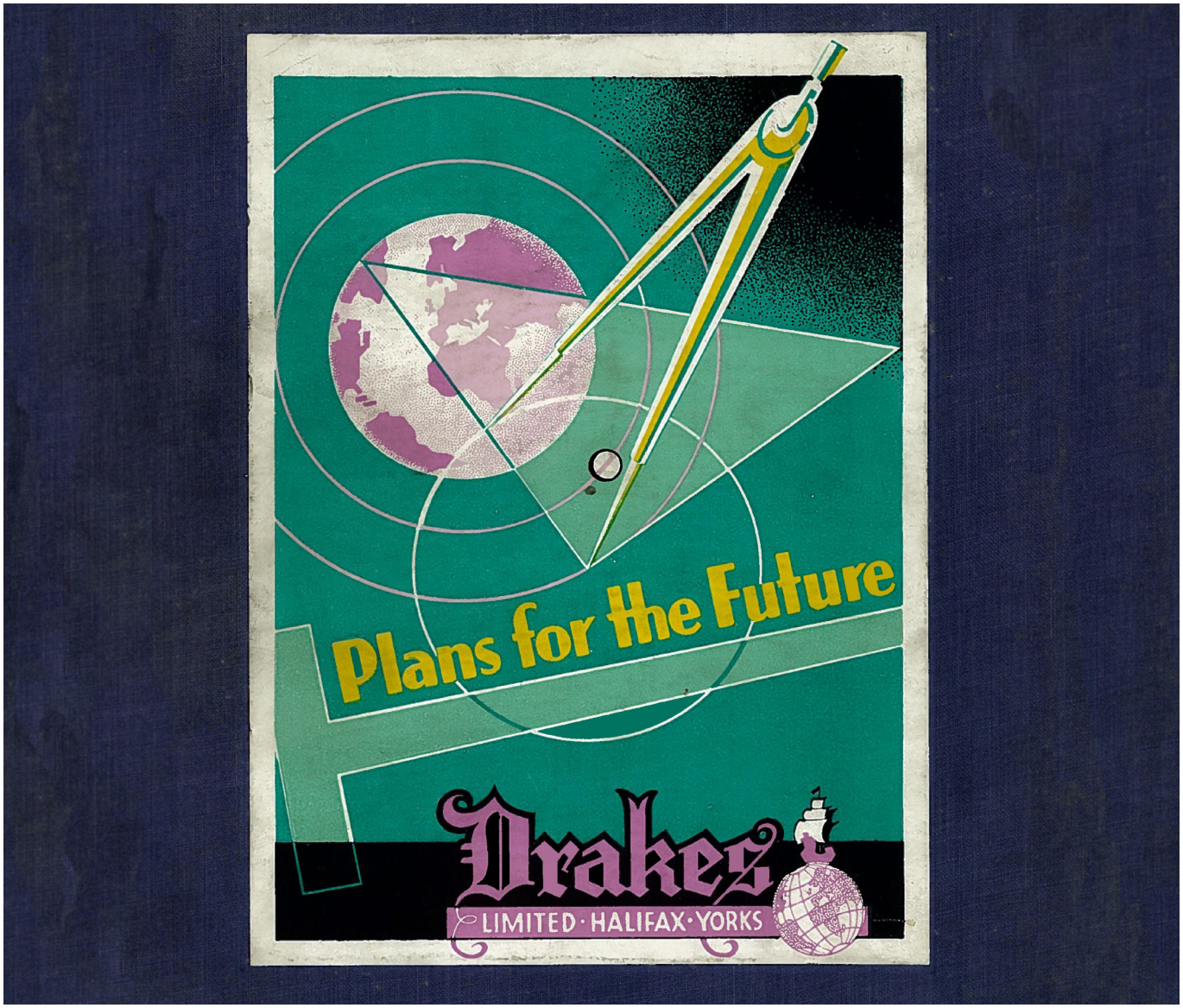
Historic England

The Manufactured Gas Industry: Volume 4 List of Manufacturers of Gas Plant

Prof. Russell Thomas

Discovery, Innovation and Science in the Historic Environment



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Front Cover Image: The front cover of “Plans for the Future” published in the 1950s by Drakes Ltd of Halifax. It was a catalogue of the activities, products and achievements of the company.

VOLUME 4. LIST OF MANUFACTURERS OF GAS PLANT

Volume 4

Manufacturers of Gas Plant, Appliances and Gas Engineering Services.

The following section provides a list of companies which worked in providing goods or services to the manufactured gas sector. The list does not include every company, but does include most of the major firms who supplied gas plant to British gasworks sites. Most of the companies are based in England, although a number of important companies were based in other parts of the British Isles, Scotland in particular. The list includes manufacturers who provided a wide range of gas plant, specific items of gas plant and also street lighting, gas appliances and gas mains to give a more complete picture. This document may also have side wider use beyond the UK as many of the British gas plant companies also exported plant abroad.

Most gas plant had a maker's name provided on a name plate. This may allow the manufacturers location to be identified by comparing the information against this list. This may be beneficial if the item is to be considered for preserving in a museum.

The listing has been prepared with the company name, address, the items or services they provided and an example of one or more advert for that company.

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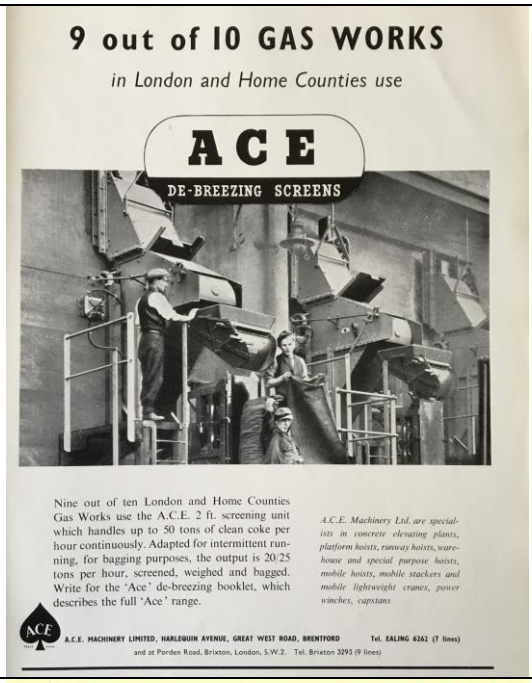
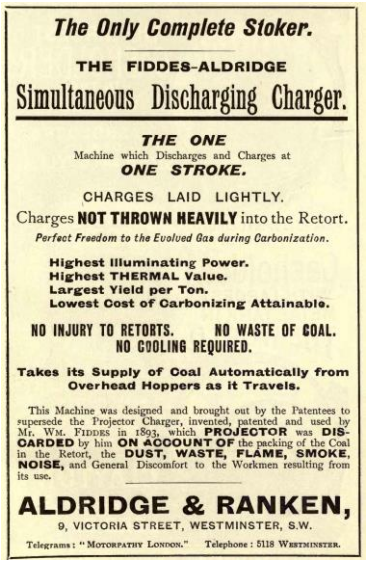
List of manufactures providing gas plant in Britain.

Name of Company (date of advert)	Company Address	Example Advert	Types of Plant Manufactured
A.C.E. Machinery Ltd (1949)	Harlequin Avenue, Great West Road, Brentford, England & Porden Road, Brixton, London, England.		De-Breezing Screens, hoists, stackers, winches and cranes.
Alder and Mackay. (1898).	New Grange Works, Edinburgh, Scotland & Ventnor Street, Bradford, England.		Wet, dry and prepayment Gas Meters.
Aldridge and Ranken (1901)	Avonbank Works, Bath and 9 Victoria St., Westminster, England		Stoking machinery. The Fiddes-Aldridge stoking machine.

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E.G. Appleby & Co. (1912)	10 Victoria Street, London, England.	KERPELY GAS PRODUCERS WITH REVOLVING GRATE, ECCENTRICALLY PLACED WATER-COOLED JACKET AUTOMATIC ASH DISCHARGE AND DUPLEX AIR AND STEAM SUPPLY ARE EFFECTIVELY GASIFYING LOW GRADE FUELS THAT OTHER TYPES OF PRODUCERS CANNOT DEAL WITH KERPELY HIGH-PRESSURE PRODUCERS FOR FINE GRADE FUELS SUCH AS VERY FINE SLACK ANTHRACITE SLIMES COKE DUST $\frac{1}{16}$ to $\frac{1}{4}''$ BLAST FURNACE COKE REFUSE OVER 700 WORKING CONTINUAL REPEAT ORDERS SEND FOR PAMPHLET "N" TO E.G.APPLEBY & Co. 10 VICTORIA STREET, LONDON, S.W.	Gas Producers, particularly Kerpely.
Arden Hill & Co. (1916)	Acme Works, Birmingham, England.	The "MARS" Gas Heated Steam Radiators. Supplied extensively for Heating Drill-Halls, Hospitals, Concentration Camps and Munition Works, and for other Military Purposes. WHAT MAKES THEM SO DURABLE: The Radiator Loops are assembled with malleable nipples and metal-to metal joints — making the life of Radiator uniform and absolutely lasting in character. AUTOMATIC VALVE: Free from mechanism; simplicity itself; and infallibility as well. MAINTENANCE: The cost of upkeep is practically *nil.* *These Radiators are quickly and cheaply installed and as easily removed, and are therefore specially suitable for heating temporary buildings.* ON HIRE WITH MANY IMPORTANT GAS UNDERTAKINGS. The "MARS." ARDEN HILL & CO., Acme Works, Birmingham.	Gas Radiators, gas fires, gas cookers, gas operated hot water apparatus and gas irons.

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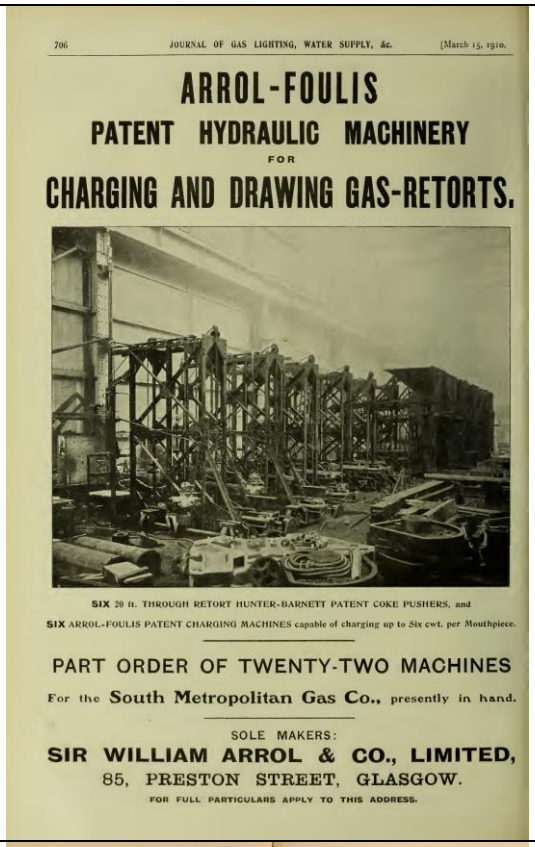
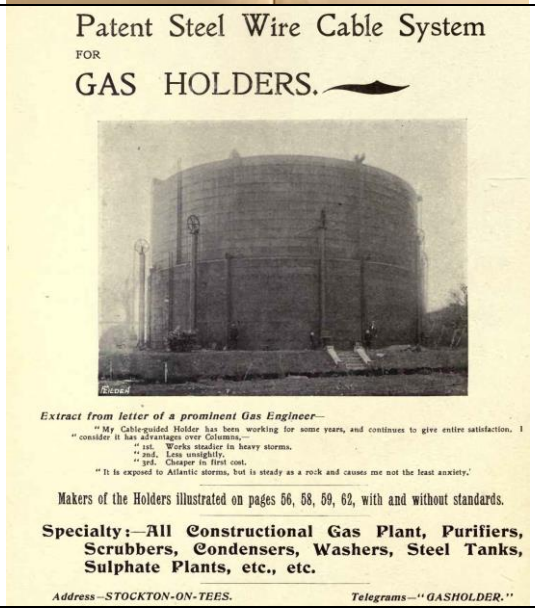
Sir William Arrol & Co. Ltd (1910)	85 Present Street, Glasgow, Scotland.	 706 JOURNAL OF GAS LIGHTING, WATER SUPPLY, &c. [March 15, 1910. ARROL-FOULIS PATENT HYDRAULIC MACHINERY FOR CHARGING AND DRAWING GAS-RETORTS. SIX 20 ft. THROUGH RETORT HUNTER-BARNETT PATENT COKE PUSHERS, and SIX ARROL-FOULIS PATENT CHARGING MACHINES capable of charging up to Six cwt. per Mouthpiece. PART ORDER OF TWENTY-TWO MACHINES For the South Metropolitan Gas Co., presently in hand. SOLE MAKERS: SIR WILLIAM ARROL & CO., LIMITED, 85, PRESTON STREET, GLASGOW. FOR FULL PARTICULARS APPLY TO THIS ADDRESS.	Charging and drawing machinery.
Ascot Gas Water Heaters Ltd (1952)	43 Park St. London, England.	 Ascot makes the most of gas ASCOT The new Ascot 713 is the first water heater in the world to be constructed with the balanced flue—an outstanding advance in gas water heater design. Its positive advantages include sealed combustion chamber and flue, improved appearance, and greater flexibility of installation. High thermal values, combined with elegant appearance and sound construction give F.A. Neat gas rings and space heaters the authentic Ascot stamp. All incorporate Neat gas jets—they are silent, efficient and cannot light back—and all give complete satisfaction to both user and engineer. ASCOT GAS WATER HEATERS LIMITED 43 PARK ST · LONDON W.1 · GROsvenor 4491	Water heaters.
Ashmore, Benson, Pease & Co. Ltd (1901) Later became the Power Gas Corporation.	Parkfield Works, Stockton on Tees, England.	 Patent Steel Wire Cable System FOR GAS HOLDERS. Extract from letter of a prominent Gas Engineer— "My Cable-guided Holder has been working for some years, and continues to give entire satisfaction. I consider it has advantages over Columns,— "1st. Works steadier in heavy storms. "2nd. Less unsightly. "3rd. Cheaper in first cost. "It is exposed to Atlantic storms, but is steady as a rock and causes me not the least anxiety.' Makers of the Holders illustrated on pages 56, 58, 59, 62, with and without standards. Specialty:—All Constructional Gas Plant, Purifiers, Scrubbers, Condensers, Washers, Steel Tanks, Sulphate Plants, etc., etc. Address—STOCKTON-ON-TEES. Telegrams—"GASHOLDER."	All types of Gas Plant in steel or iron. Specialists in gasholder construction and were manufacturers of wire/cable guided gasholders.

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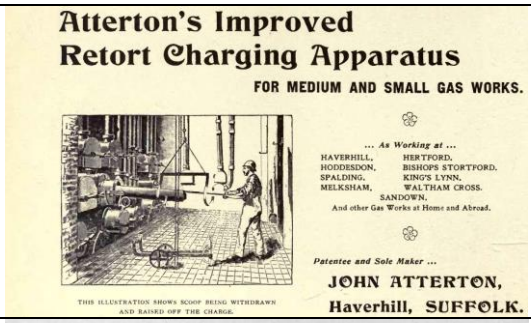
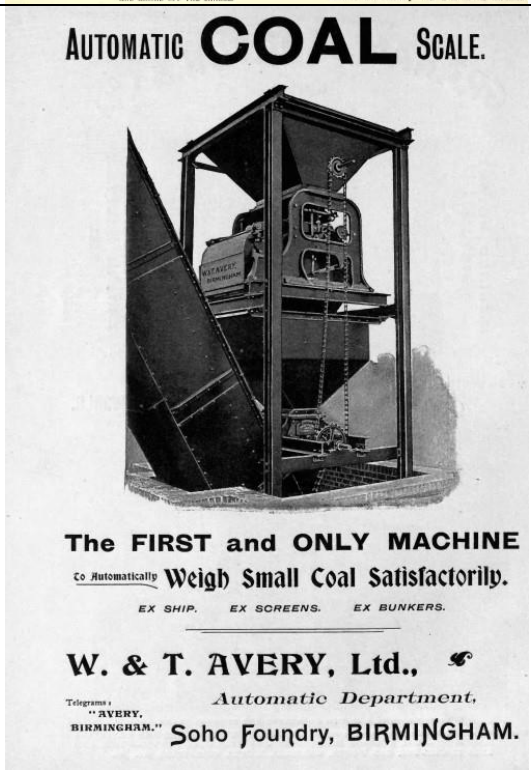
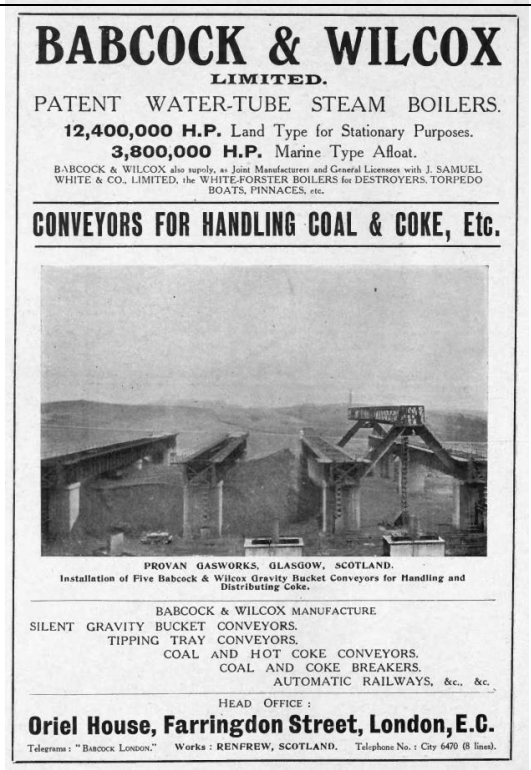
John Atterton (1901)	Haverhill, Suffolk, England.		Retort charging apparatus for small and medium gasworks.
W& T Avery Ltd (1901)	Soho Foundry, Smethwick, Birmingham, England. *The site of the former Boulton and Watt works.*		Weighing equipment.
Babcock and Wilcox Ltd. (c1921) (Est 1891) originally a US company.	Oriel House, Farringdon St., London, England. Manufactured plant in Kilbowie, Nr Glasgow, Scotland and later Renfrew, Scotland.		Boilers, marine boilers, conveyors, cranes, pressed steel forgings, welded pressure vessels, piping and stokers.

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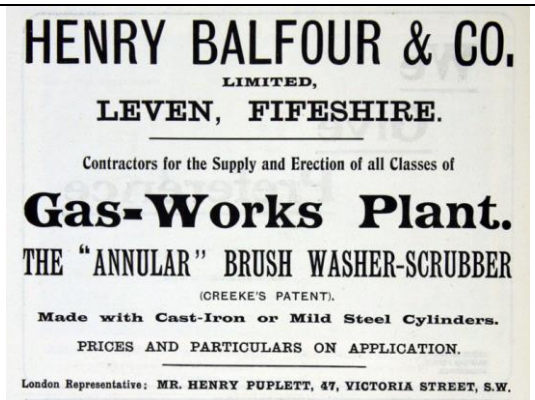
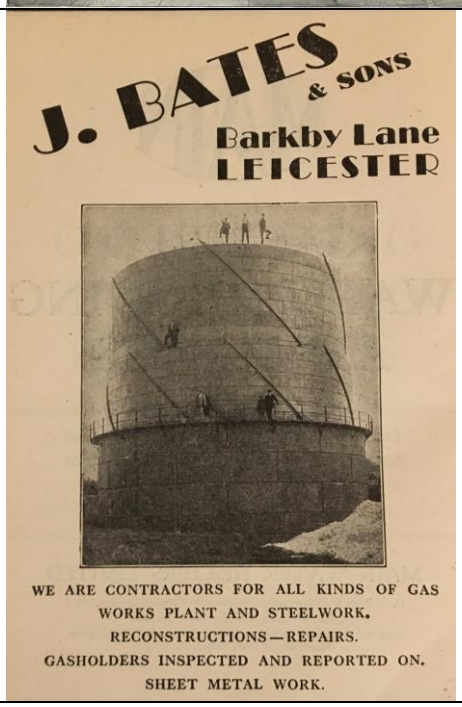
Henry Balfour & Coy., Ltd Est 1810 (1952)	Durie Foundry, Leven, Fife, Scotland.		All types of gas plant in steel or iron. Plant for chemical works.
Barrowfield Iron Works Ltd (1910)	Forneuk St. Glasgow, Scotland.		All types of gasworks plant.
Bates and Cook (c1910)	59 Saint Paul's St., Leeds, England.		Retorts houses, retort settings, gas producers, boiler settings and Chimneys.
J. Bates and Son (1952)	Barkby Lane, Leicester, England		All types of Gas Plant in Steel or iron.

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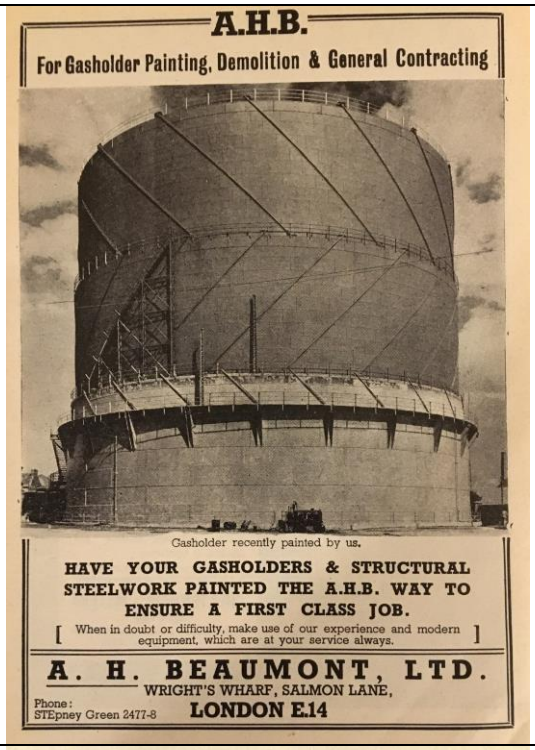
Beamont A.H. Ltd	Wrights Wharf, Salmon Lane, London, England.		Gasholder, painting, demolition and general contracting.
Biggs, Wall and Company (1901)	13 Cross Street, Finbury Pavement, London, England.		Retort charging machines.

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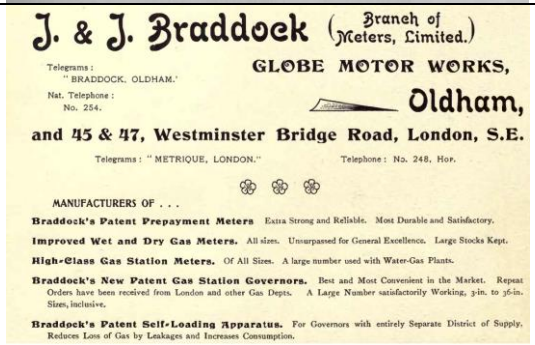
Keith Blackman Ltd (1952)	Mill Mead Rd, Tottenham, London, England.		Switches, valves, fans, industrial gas systems, both of the heating and high-pressure types.
J & J Braddock (1901)	Globe Meter works, Oldham, England and Westminster Bridge Road, London, England		Gas meters, station meters, governors.
George Bray & Co. (1949)	Leicester Place, Leeds, England.		Gas Burners and Lights.
British Gas Purification Materials Co. Ltd. (1952)	London Road, Leicester, England.		Dutch bog ore for purification.

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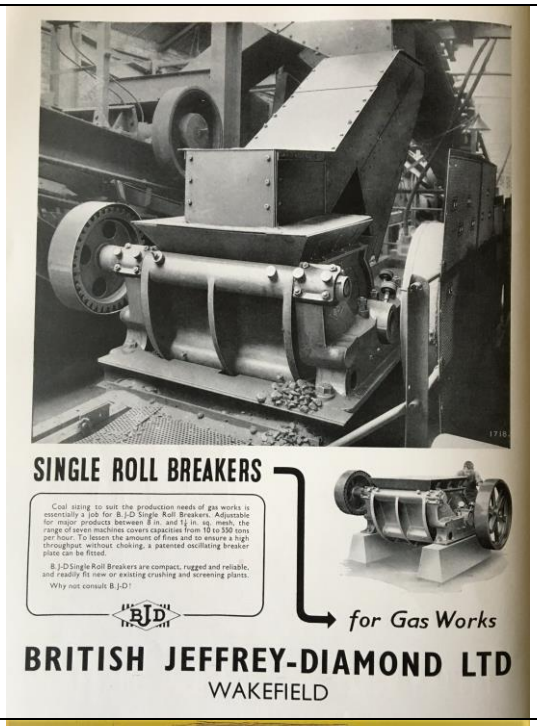
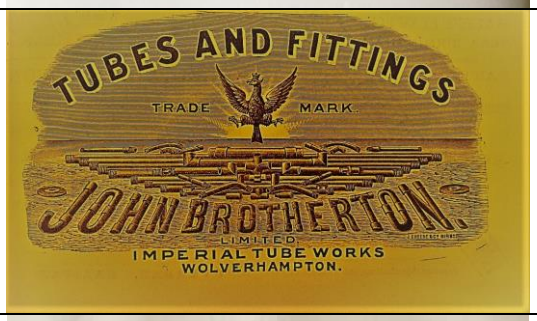
British Jeffrey-Diamond Ltd (1949)	Wakefield, England.		Roll breakers.
John Brotherton (c1900)	Imperial Tube Works, Wolverhampton, England		Tubes and fittings.
James Buchanan & Son. (1949)	Caledonia Foundry & Engine Works, Liverpool, England.		Charging and pushing machines.

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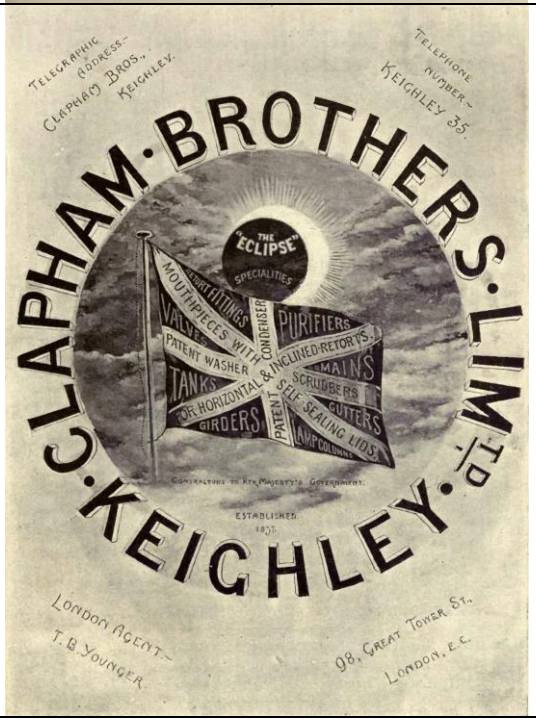
Cannon Iron Foundries Ltd (1909)	Deepfields, Bilston, Staffs, England.		Gas cookers, gas radiators, gas stoves, gas fires, Gas meters.
Carron Company. (1909)	Carron, Stirling, Scotland.		Gas appliances.
Clapham Brothers. (1901)	Keighley, Yorkshire, England and 98 Great Tower St., London.		All types of gas making plant.

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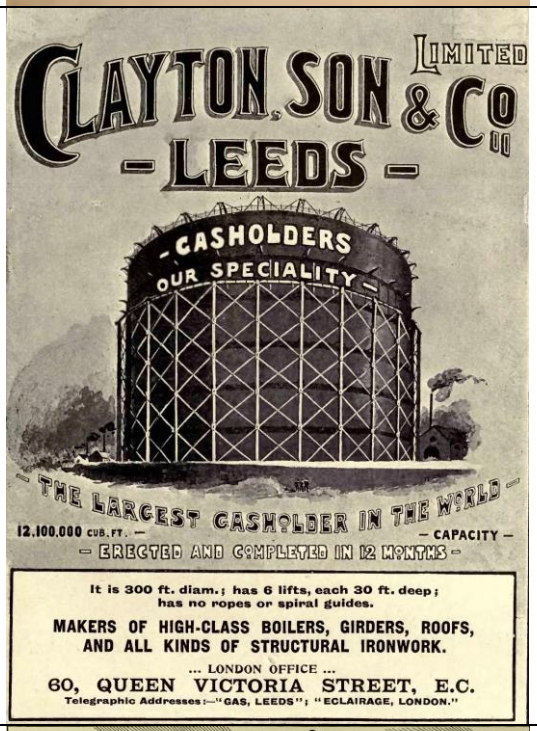
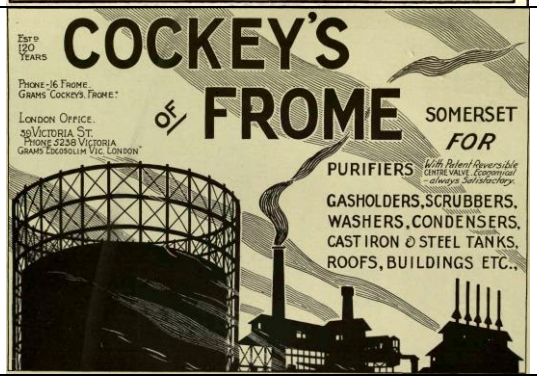
Clay Cross (Iron and Foundries) Ltd. (1963)	Clay Cross, Chesterfield, Derbyshire, England.		Iron pipes.
Clayton Son & Company Ltd. (1901)	Moor End, Hunslet, Leeds, England and 60 Queen Victoria St. London, England.		Gasholders and all types of gas plant incl. boilers, roofs, tanks, boilers and structural steel.
Cockey's of Frome. (1921)	The Iron Works, Frome, Somerset, England and 39 Victoria St. London, England.		All types of pas plant in steel or iron. Gas lamps and gas mains.

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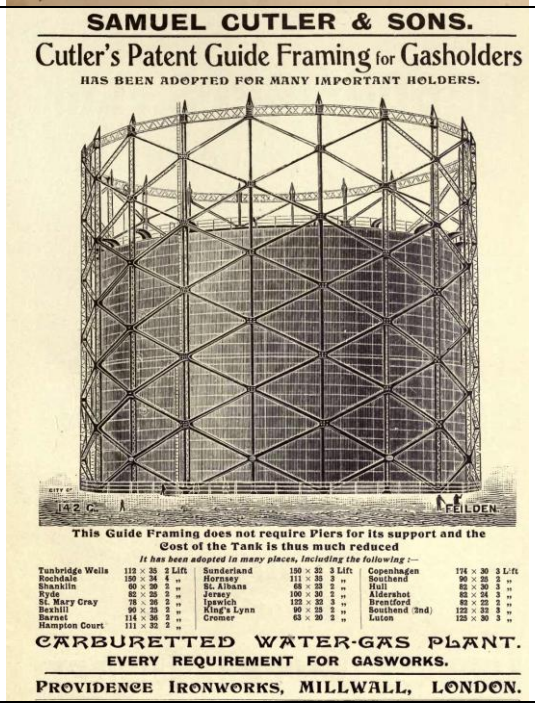
Crossley Brothers.	Grid works, Bispham, Blackpool, England.		Grids for purifiers, scrubbers and washers.
S. Cutler & Sons (1901).	Providence Ironworks, Millwall, London, England.		Gasholders, water gas plant and all types of gas plant.

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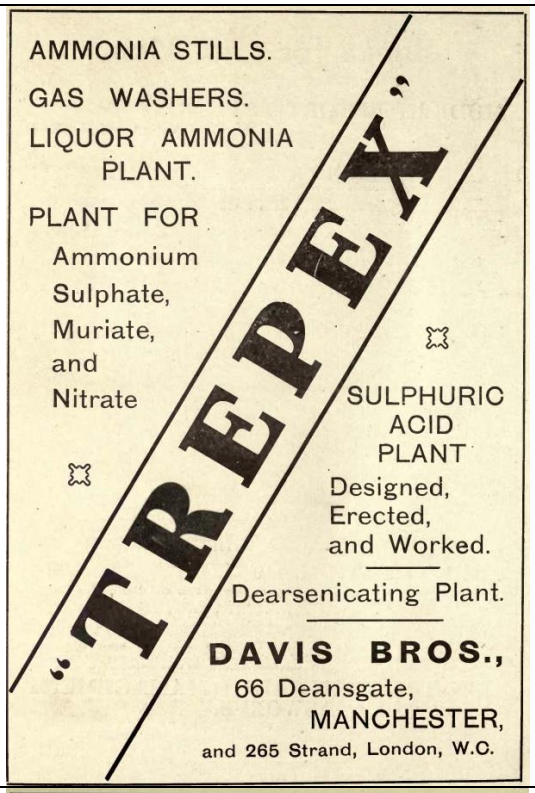
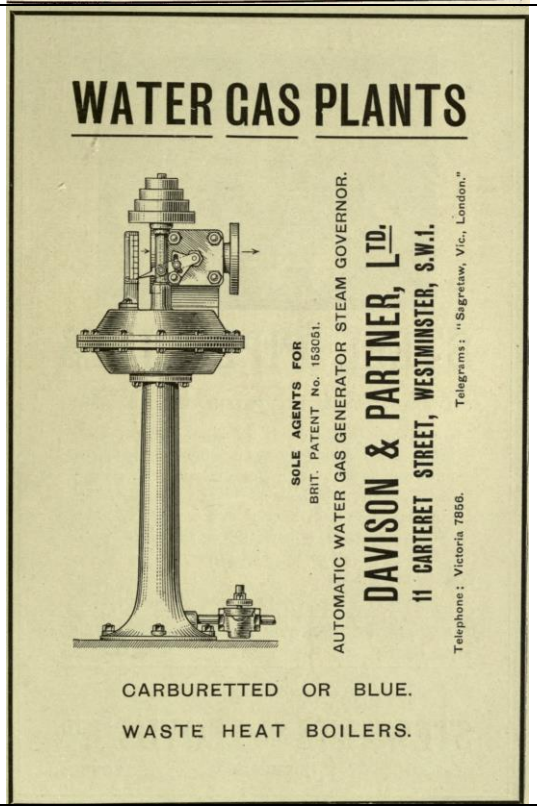
Davis Brothers.	66 Deansgate Manchester, England.		Gas washers and plant for chemical works.
Davison and Partner Ltd. (1921)	11 Carteret Street, Westminster, England.		Water gas plant and waste heat boilers.

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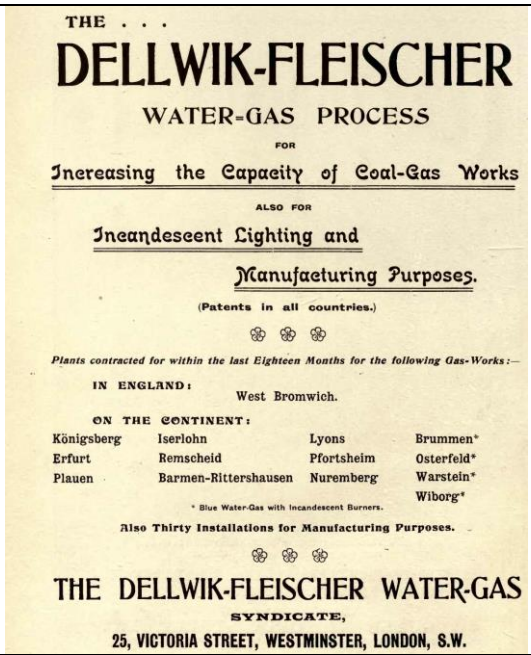
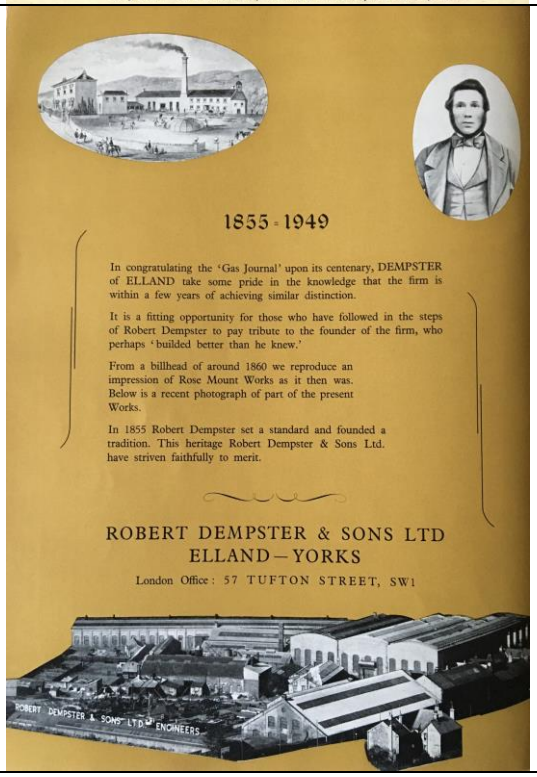
Dellwick Fleisher Water Gas Syndicate. (1901)	25 Victoria Street, London, England.	 THE . . . DELLWIK-FLEISCHER WATER-GAS PROCESS FOR Increasing the Capacity of Coal-Gas Works ALSO FOR Incandescent Lighting and Manufacturing Purposes. (Patents in all countries.) Plants contracted for within the last Eighteen Months for the following Gas-Works:— IN ENGLAND: West Bromwich. ON THE CONTINENT: Königsberg, Erfurt, Plauen, Iserlohn, Remscheid, Barmen-Rittershausen, Lyons, Pfortsheim, Nuremberg, Brummen*, Osterfeld*, Warstein*, Wiborg* * Blue Water-Gas with Incandescent Burners. Also Thirty Installations for Manufacturing Purposes. THE DELLWIK-FLEISCHER WATER-GAS SYNDICATE, 25, VICTORIA STREET, WESTMINSTER, LONDON, S.W.	Water Gas Plant.
Robert Dempster & Sons Ltd. (1949)	Rose Mount Iron Works, Elland Yorkshire, England.	 1855 - 1949 In congratulating the 'Gas Journal' upon its centenary, DEMPSTER of ELLAND take some pride in the knowledge that the firm is within a few years of achieving similar distinction. It is a fitting opportunity for those who have followed in the steps of Robert Dempster to pay tribute to the founder of the firm, who perhaps 'builded better than he knew.' From a billhead of around 1860 we reproduce an impression of Rose Mount Works as it then was. Below is a recent photograph of part of the present Works. In 1855 Robert Dempster set a standard and founded a tradition. This heritage Robert Dempster & Sons Ltd. have striven faithfully to merit. ROBERT DEMPSTER & SONS LTD ELLAND—YORKS London Office: 57 TUFTON STREET, SW1 ROBERT DEMPSTER & SONS LTD ENGINEERS	Gasholders and all types of gas plant.

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R&J Dempster (1949)	Newton Heath, Manchester, England.		Gasholders and all types of gas plant.
Bryan Donkin (1949)	Chesterfield, Derbyshire, England		Exhausters, blowers, compressors, pumps and regulators/ governors.

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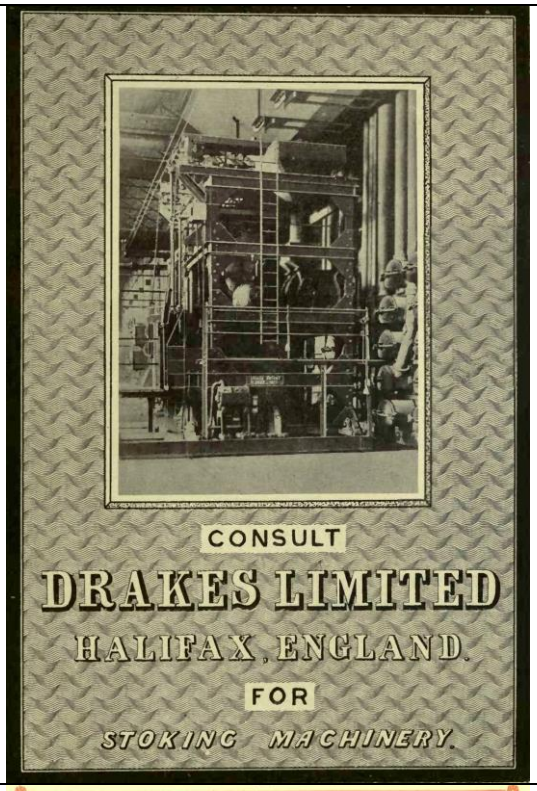
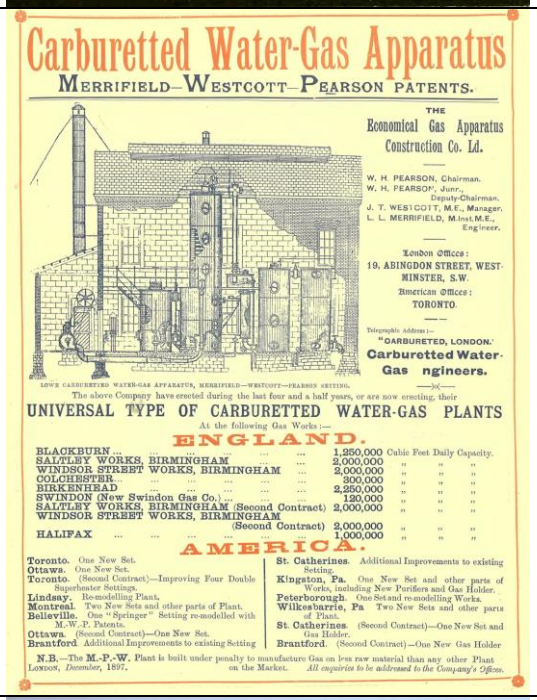
Drakes Ltd (1921)	Halifax, Yorkshire, England.		All types of Gas Plant.
Economical Gas Apparatus Construction Co. Ltd (1898)	Abingdon Street, London, England.		Water gas plant.
J. Edmundson and Co.	1 & 2 Great Winchester Street Buildings, Old Broad Street, London, England. The Company was based in Dublin and this was the English office.		Complete works for private establishments and light houses in Ireland.

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Electrolux Ltd (1949)	Luton, Bedfordshire, England		Gas refrigerators.
Joseph Evans & Sons. (1949)	Wolverhampton, England.		Pumps.

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Falk, Stadelmann & Co. Ltd. (1949)	Veritas House, 91 Farringdon Rd, London, England.		Gas mantles.
Firth Blakeley Son & Co Ltd. (1949)	Vulcan Iron Works, Church Fenton, Nr Leeds, England.		Gasholders, tanks, purifiers, condensers, washers, scrubbers and other plant.

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Flavels (1952)	Leamington, England		Gas stoves/cookers.
Fletcher, Russell & Co. (1901)	Warrington, Manchester, Liverpool & London.		Gas cookers, gas ovens, gas water heaters, boilers, furnaces.

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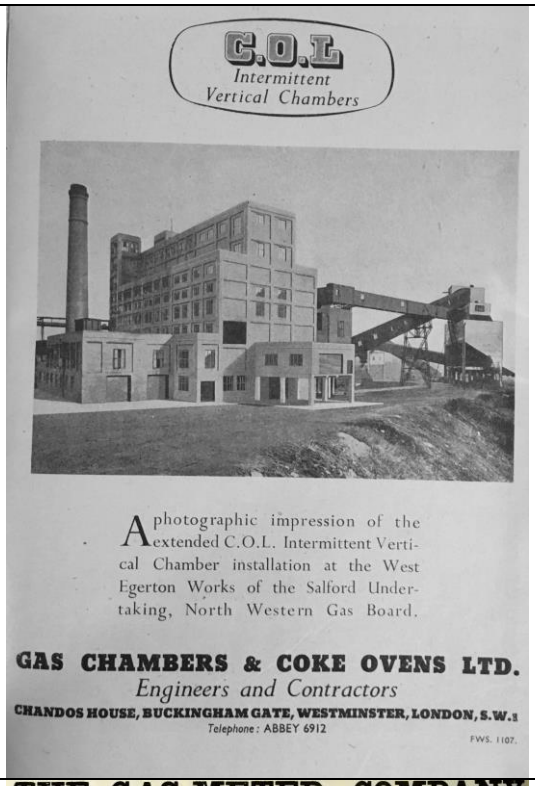
Gas Chamber and Coke Ovens Ltd. (1952)	Chandos House, Buckingham Gate, Westminster, London, England.		Intermittent Vertical Chambers and Coke ovens.
The Gas Meter Company. (1900)	238 Kingsland Road, London, Union Street Oldham, Hanover street, Dublin, Atkinson Street, Manchester.		Gas meters, station meters, governors and gas apparatus.

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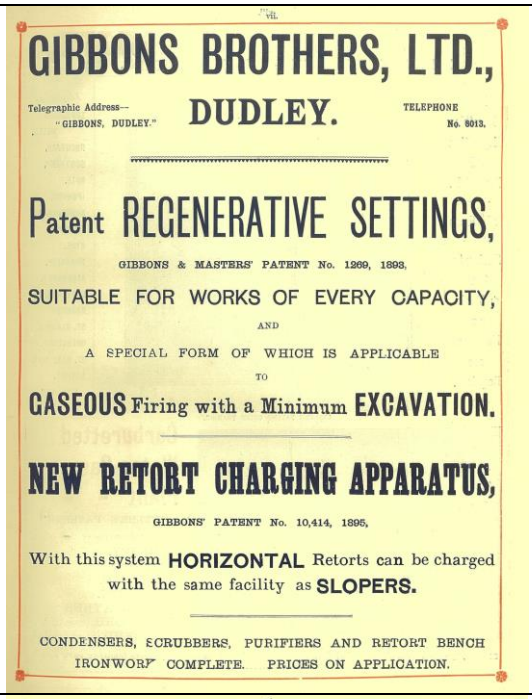
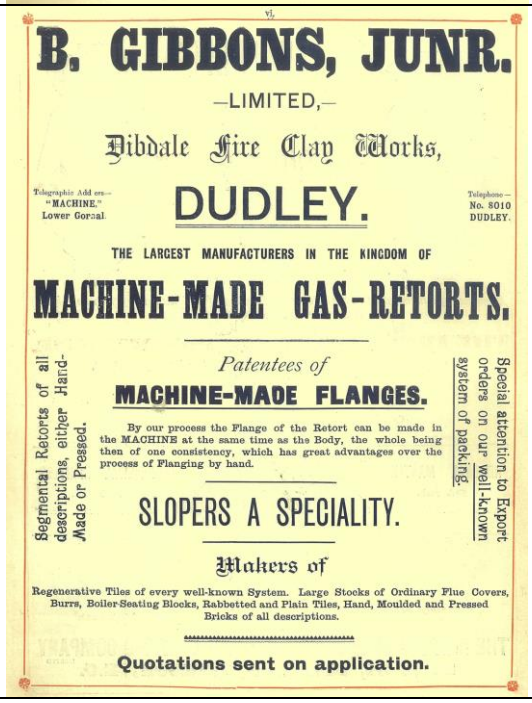
Gibbons Brothers Ltd (1898)	Dudley, England.	 GIBBONS BROTHERS, LTD., Telegraphic Address— "GIBBONS, DUDLEY." DUDLEY. TELEPHONE No. 8013. Patent REGENERATIVE SETTINGS, GIBBONS & MASTERS' PATENT No. 1269, 1893. SUITABLE FOR WORKS OF EVERY CAPACITY, AND A SPECIAL FORM OF WHICH IS APPLICABLE TO GASEOUS Firing with a Minimum EXCAVATION. NEW RETORT CHARGING APPARATUS, GIBBONS' PATENT No. 10,414, 1895, With this system HORIZONTAL Retorts can be charged with the same facility as SLOPERS. CONDENSERS, SCRUBBERS, PURIFIERS AND RETORT BENCH IRONWORK COMPLETE. PRICES ON APPLICATION.	All types of retort plant and purification equipment.
B. Gibbons Junr. (1898)	Dibdale works, Dudley, England.	 B. GIBBONS, JUNR. —LIMITED,— Dibdale Fire Clay Works, Telegraphic Address— "MACHINE." Lower Gornal. DUDLEY. Telephone— No. 8010 DUDLEY. THE LARGEST MANUFACTURERS IN THE KINGDOM OF MACHINE-MADE GAS-RETORTS. Segmental Retorts of all descriptions, either Hand-Made or Pressed. Patentees of MACHINE-MADE FLANGES. By our process the Flange of the Retort can be made in the MACHINE at the same time as the Body, the whole being then of one consistency, which has great advantages over the process of Flanging by hand. Special attention to Export orders on our well-known system of packing. SLOPERS A SPECIALITY. Makers of Regenerative Tiles of every well-known System. Large Stocks of Ordinary Flue Covers, Burrs, Boiler-Seating Blocks, Rabbetted and Plain Tiles, Hand, Moulded and Pressed Bricks of all descriptions. Quotations sent on application.	Retorts, tiles, firebricks.

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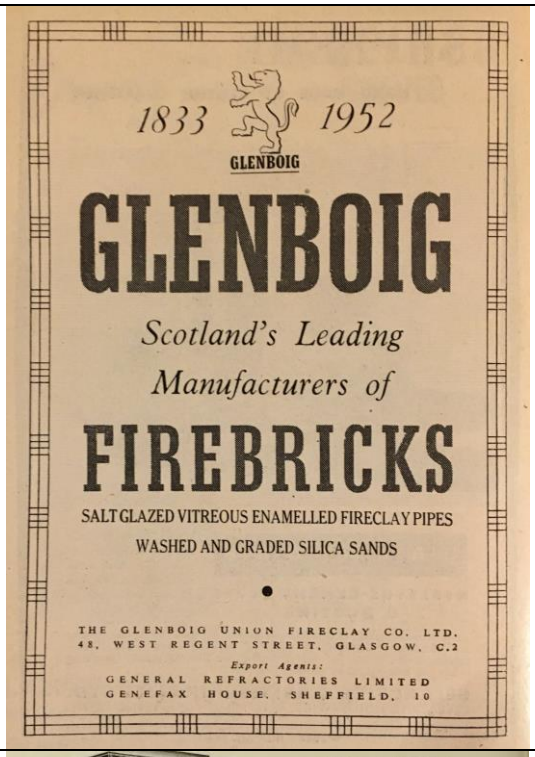
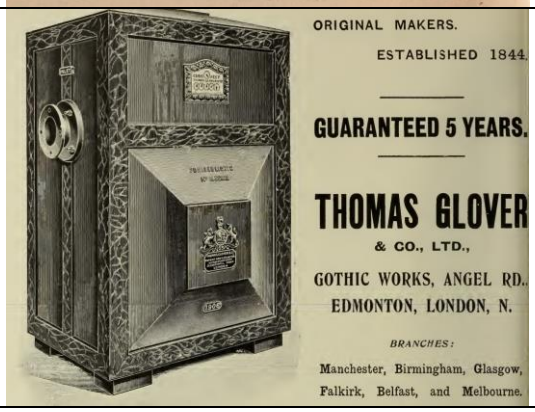
Glenboig Union Fireclay Co. Ltd (1952)	48 West Regent Street, Glasgow Scotland and Genefax House, Sheffield, England.		Firebricks, fireclay pipes and silica sands.
Thomas Glover and Co. Ltd.	Angel Road, Edmonton, London, England.		Gas meters.

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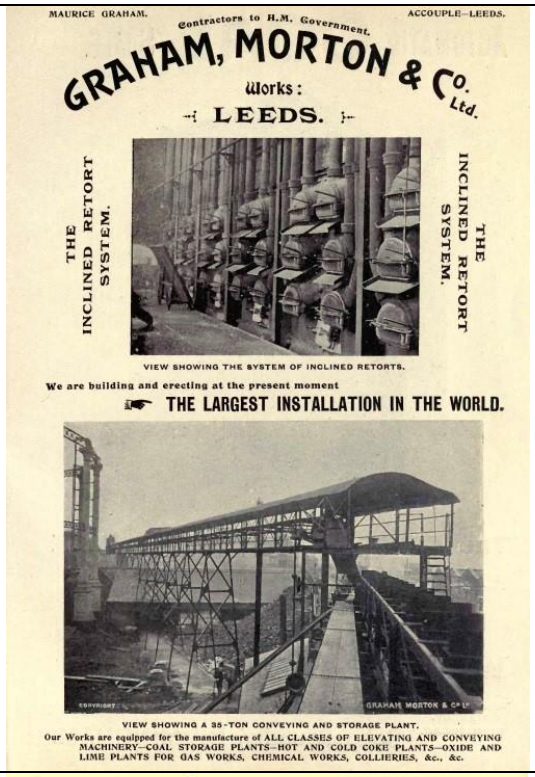
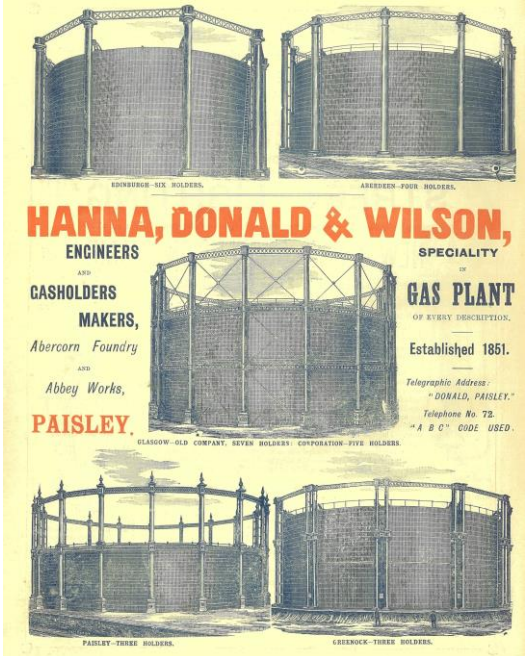
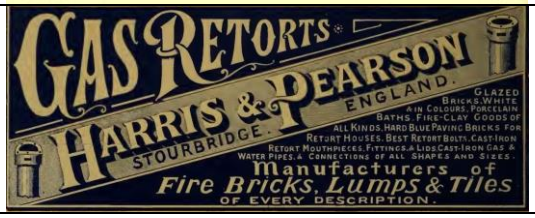
Graham, Morton and Company (1901).	Leeds, Yorkshire, England.		Inclined retorts, elevating & conveying machinery, coal storage, coke plant, purifying plant.
Hanna, Donald & Wilson.	Abercorn Foundry and Abbey Works Paisley, Scotland.		Gasholders and other gas plant.
Harris and Pearson.	Stourbridge, England.		Gas Retorts, firebricks, retort mouthpieces and pipes.

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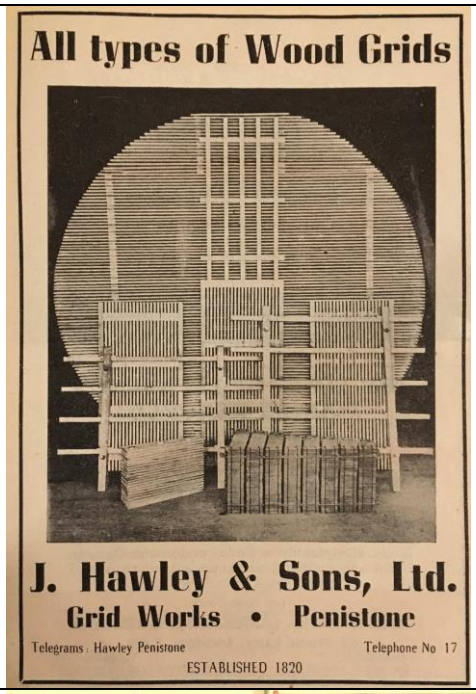
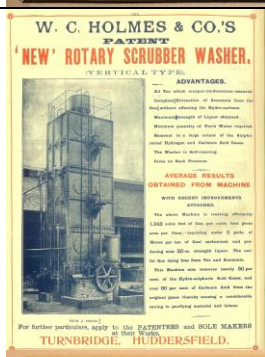
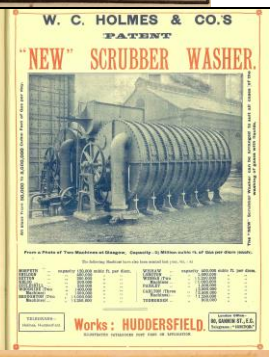
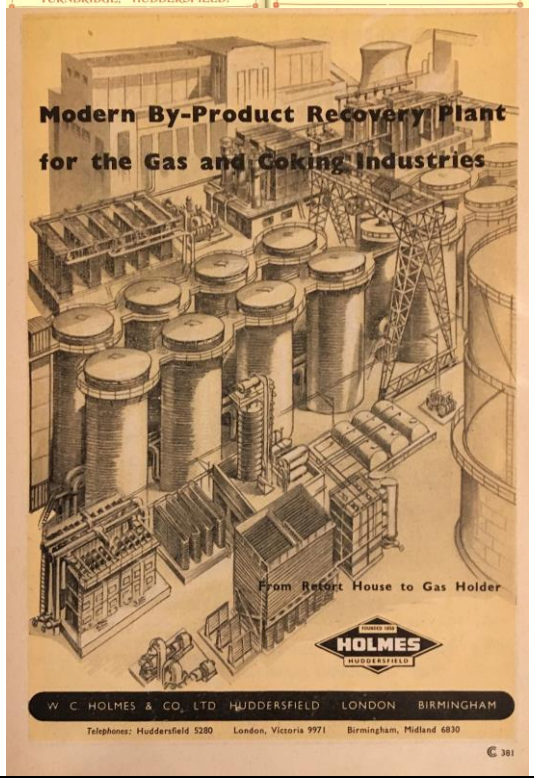
J. Hawley & Sons Ltd	Grid Works, Penistone, Yorkshire, England.		Wood grids for purifiers, washers and scrubbers.
W.C. Holmes. (1898 & 1952)	Huddersfield, Yorkshire, England.	  	All types of Gas Plant.

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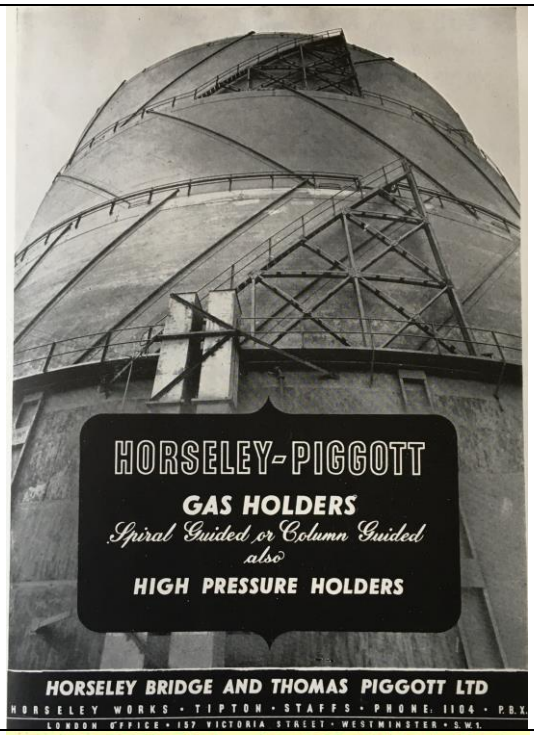
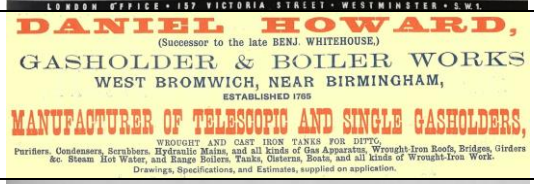
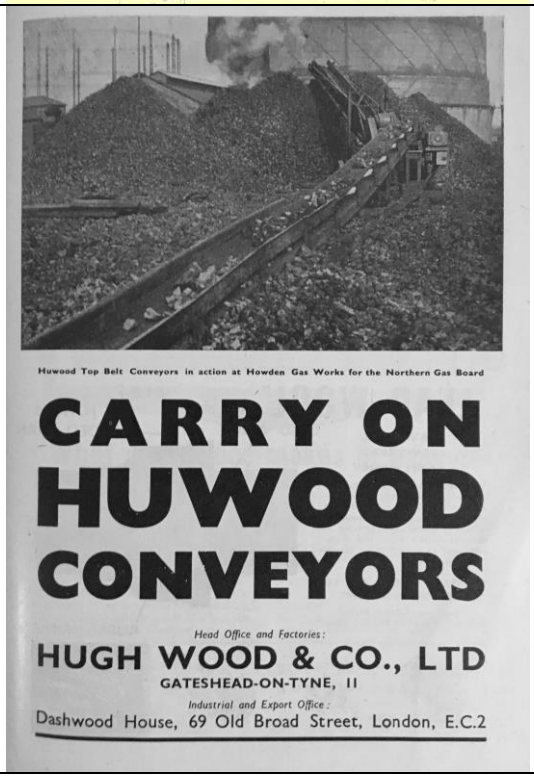
Horseley Bridge/ Horseley Group/ Horseley-Piggot (1949)	Horseley Works, Dudley Port, Tipton, Staffordshire, England.		Gasholders and all types of gas plant.
Daniel Howard (1898).	West Bromwich, England.		Gasholders and boilers.
Hugh Wood & Co Ltd (1952)	Gateshead, Co. Durham, England & Dashwood House, 69 Old Broad St., London, England.		Conveyors.

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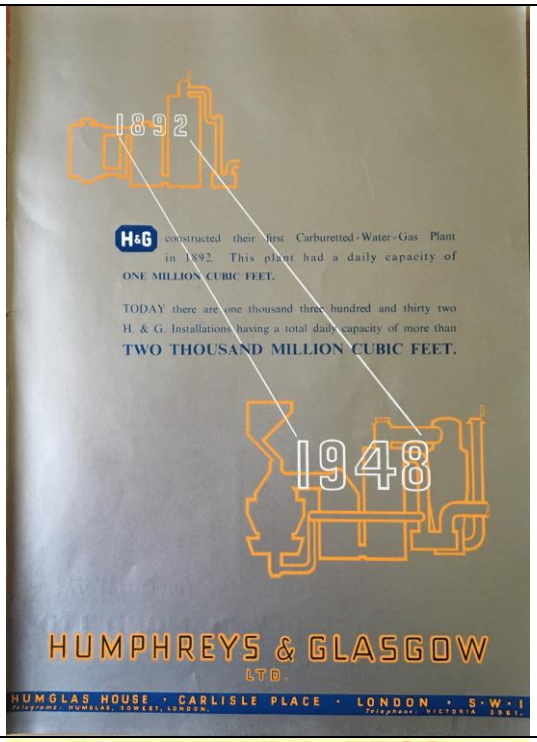
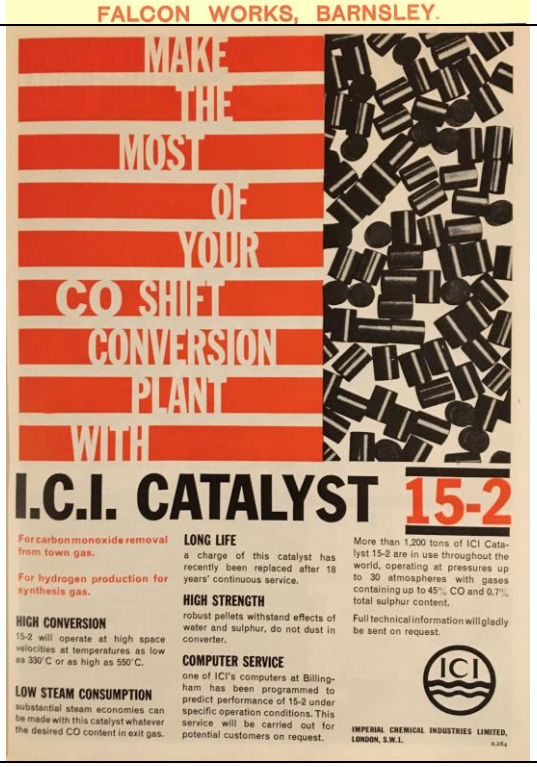
Humphreys and Glasgow. (1949)	Victoria Street, London. Humglas House, Carlisle Place, London, England.		Water gas plant.
Hutchinson Brothers (1898).	Falcon Works, Barnsley.		Gas meters, pumps and chemical plant.
Imperial Chemical Industries (1963)	London		Gas reforming plant and catalyst.

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International Furnace Equipment Co. Ltd	Aldridge, Staffordshire	BENZO-GAS PLANTS (HIGH CALORIFIC VALUE PRODUCER GAS) For the complete gasification of anthracite, graded coke, breeze and small non-caking bituminous coals. Gas cleaning plants, static and mechanical. Full automatic control of gas pressure and volume for dealing with fluctuating demand. Equipment for sulphur removal. Gas mixing stations with control of calorific value for blending together benzo-gas and town gas. Tar treatment plant Technical advice given on conversion of existing gas plants. Special gas burner equipment. THE INTERNATIONAL FURNACE EQUIPMENT CO LTD ALDRIDGE · STAFFS Telephone: 52245, 52246 Telegrams: COMBUSTION, ALDRIDGE	Benzo-gas plants
Jeavons Co. Ltd. (c1950)	Tipton, Staffs	MAIN Laying CONTRACTORS 18 inch Steel Gas Main in Tunnel COMPLETE HIGH PRESSURE MAINLAYING EXPERT WELDING JEAVONS ECO-LTD. TIPTON · STAFFS TELEPHONE: TIPTON 2161 TELEGRAMS: PIPELINES TIPTON	Mains laying.
W. J. Jenkins & Co. Ltd (1949)	Retford Nottinghamshire, England.	COKE HANDLING, GRADING, STORAGE AND STOCKING PLANT. Mechanical Handling.. by Jenkins RETFORD of course INTERMITTENT VERTICAL CHAMBER OVENS. HORIZONTAL RETORTS. COAL, COKE HANDLING PLANT. TELPHERS. WAGON TIPPLERS AND TIPPERS. DE BROUWER PATENT STOKING MACHINERY. Engineers to the Fuel Industries W. J. JENKINS & CO. LTD., RETFORD, NOTTS. 'Phone: RETFORD (3) London Office: 28 VICTORIA ST., LONDON, S.W.1. 'Phone: ABBey 1778 BELT CONVEYOR SYSTEM FOR COAL HANDLING.	Stoking machines, mechanical handling plant, Horizontal retorts, intermittent vertical retort plant.

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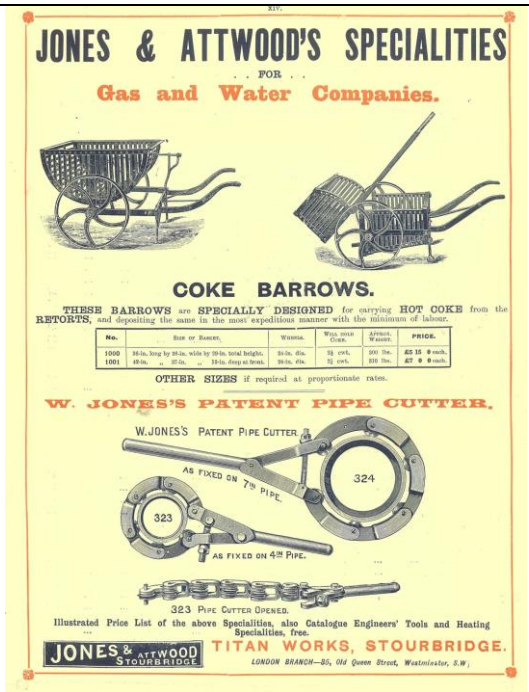
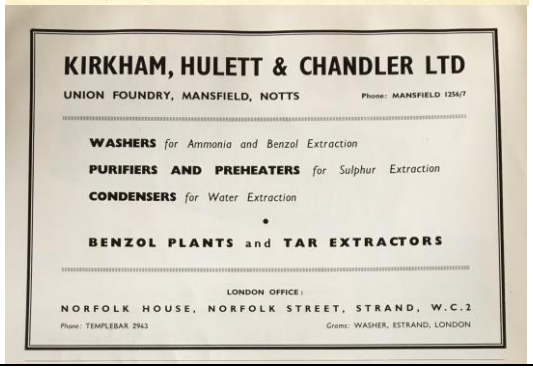
Jones and Attwood. (1898)	Titan Works, Stourbridge, Worcestershire, England.		Barrows and Tools.
Kirkham, Hulett and Chandler (1901 & 1949).	Palace Chambers Bridge Street, London & Norfolk House, Norfolk Street, London, England.		Condensers, purifiers, Benzol plants, tar extractors, washers and scrubbers.

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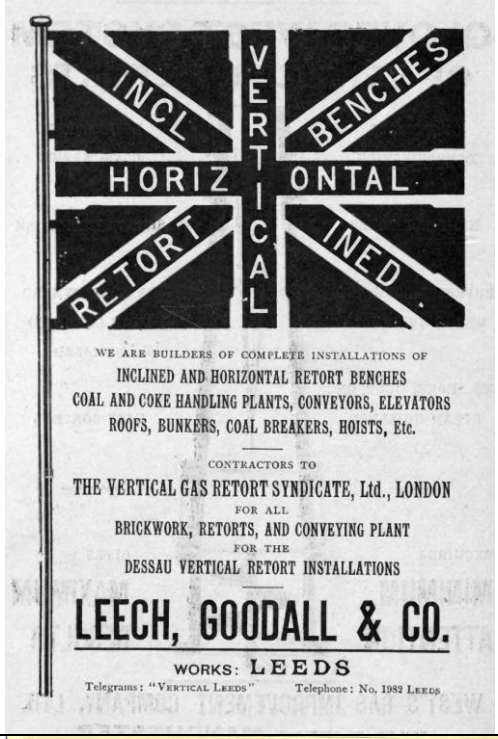
Augustus Klönne (c1900)	Dortmund, Germany.		All types of Gas plant.
Leech Goodall & Co. (1912)	Leeds, Yorkshire, England		Retorts benches, coal and coke handling plants, conveyors, elevators, roofs, bunkers, breakers and hoists.
The Leeds Fireclay Company Ltd. (c1910)	Wortley, Leeds, Yorkshire, England.		Retorts, brick, retort settings, roofs, elevators, conveyors and Ironwork.

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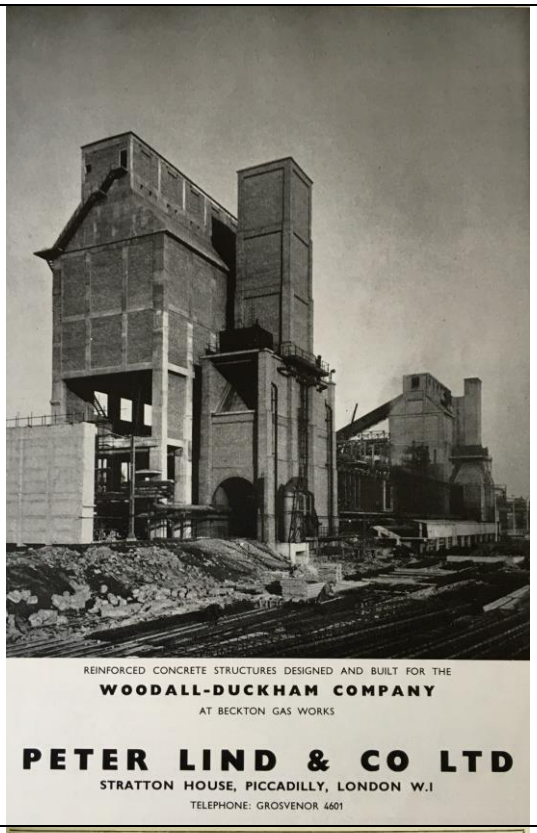
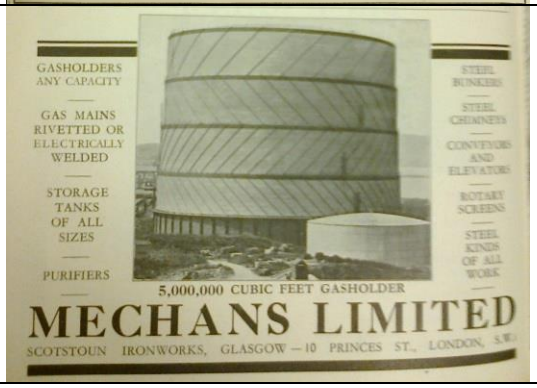
Peter Lind & Co Ltd. (1949)	Stratton House, Piccadilly, London, England.		Reinforced concrete structures.
R & A Main Ltd. (1910)	Gothic Works, Edmonton, England, Gothic Works, Birmingham, England, Gothic Ironworks, Falkirk, Scotland.		Gas fires and appliances.
Mechan and Sons also known as Mechans Limited (C.1930)	Scotstoun Ironworks Glasgow, Scotland.		Gasholders, gas plant and general engineers.

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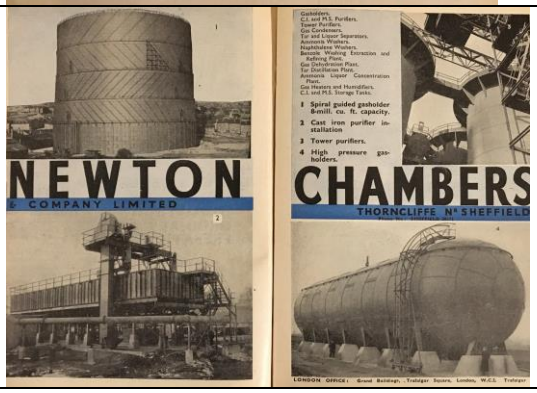
Meltham Silica Firebricks Co. Ltd. (1952)	Meltham, Huddersfield, Yorkshire England.		Silica shapes and bricks.
New World (Radiation Group). (1952).	Radiation House, Aston, Birmingham, England & 7 Stratford Place, London, England.		Cookers.
Newton Chambers (1952).	Thorncliffe, Nr Sheffield, England.		All types of Gas Plant.

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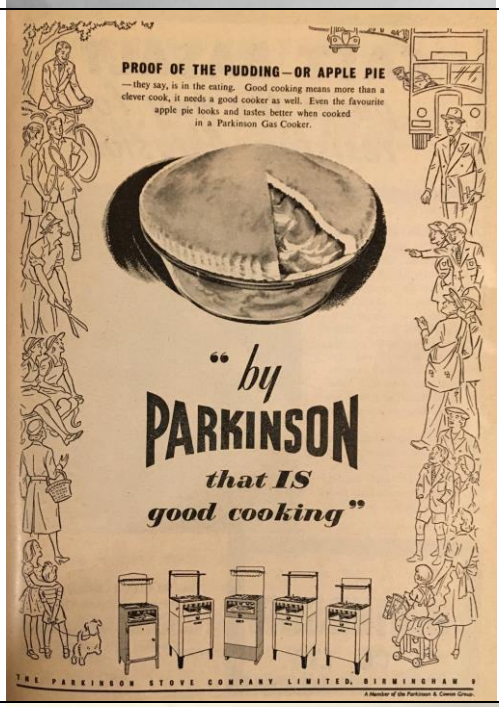
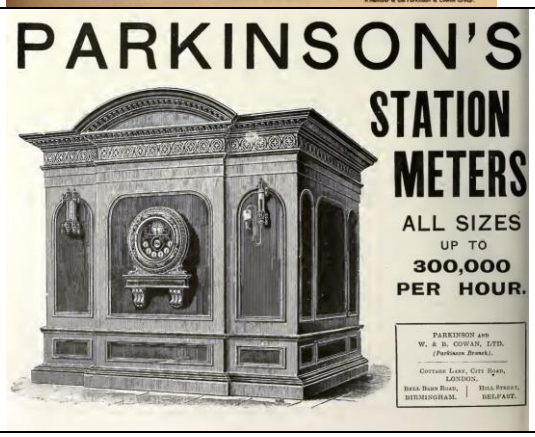
Oxley Eng. Co. Ltd. (1952)	Hunslet, Leeds, England.		Gasholders.
The Parkinson Stove Company Ltd.(1952)	Birmingham, England.		Cookers.
Parkinson and Cowan. (c1900)	Cottage Lane, London, England. Bell Barn Road, Birmingham, England. Hills Street, Belfast, Northern Ireland.		Gas meters and Station Meters

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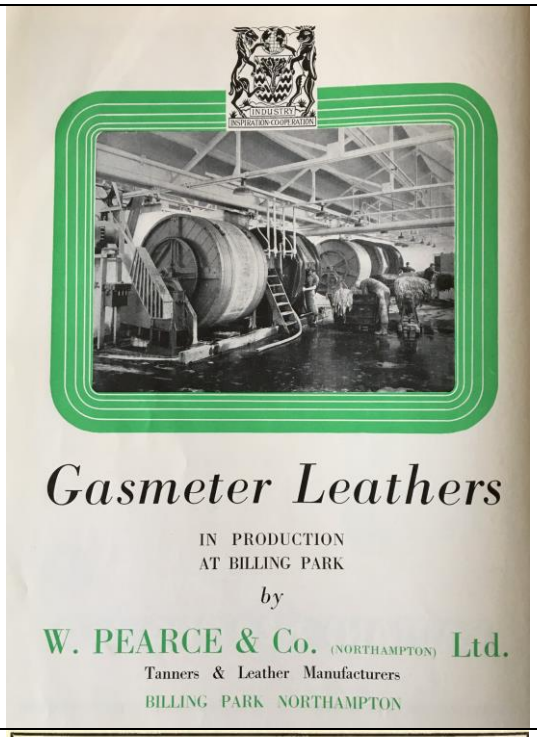
W. Pearce & Co.	Billing Park, Northampton, England.		Gas meter leathers.
E.J. & J Pearson Ltd. (c1901).	Stourbridge, Worcestershire, England		Firebricks and retort settings.

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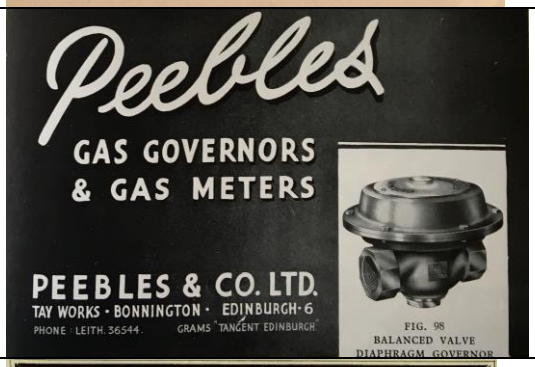
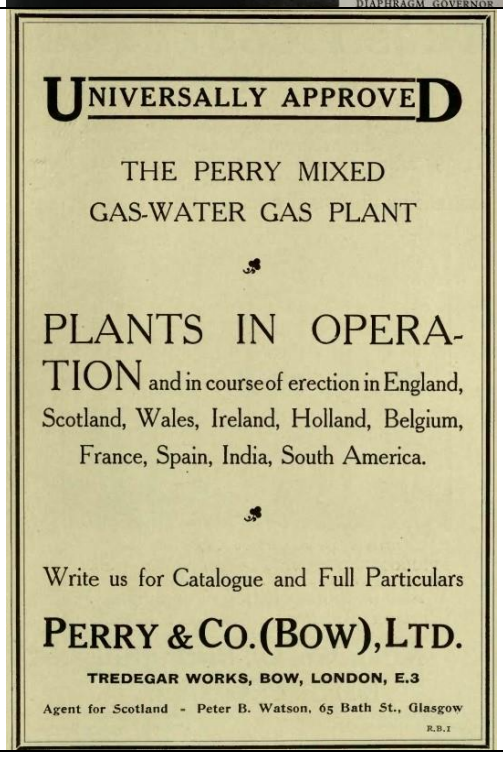
Peckett and Sons. (1952)	Atlas Works, Bristol, England.		Industrial Locomotives.
Peebles & Co Ltd	Tay Works, Bonnington, Edinburgh, Scotland.		Gas Governors and meters.
Perry & Co. (Bow) Ltd	Tredegar Works, Bow, London, England.		Perry mixed gas-water gas plants.

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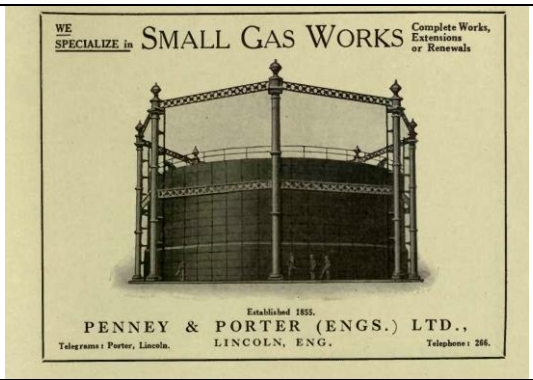
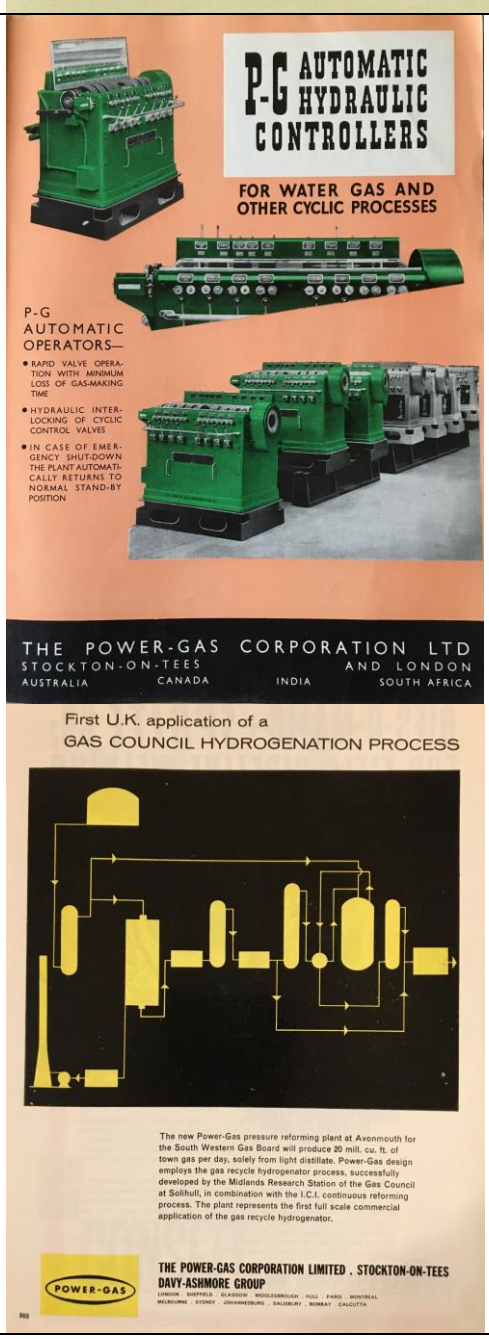
Porter and Company or Penney and Porter.	Lincoln, England.		All types of Gas plant and small gasworks in particular.
The Power Gas Corporation ltd (1949 & 1963)	Stockton on Tees, Co. Durham, England.		Water gas plants, controllers and gas reforming plant

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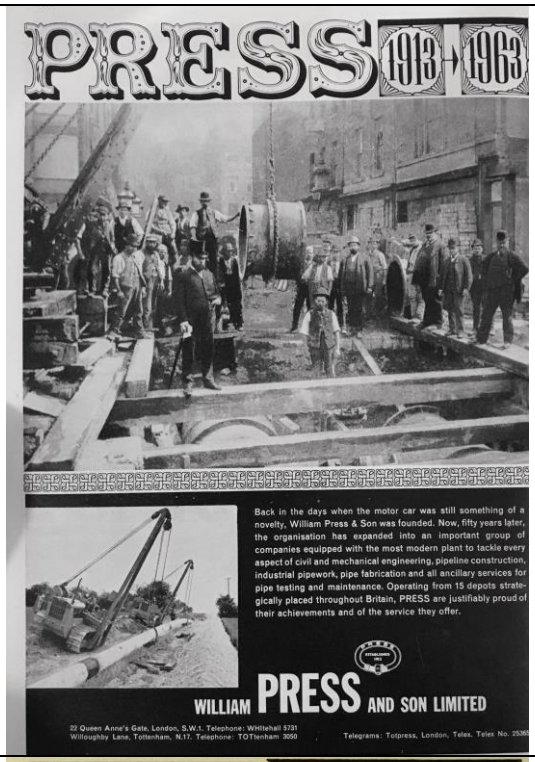
William Press & Son Ltd.	22 Queen Anne's Gate, London, England & Willoughby Lane, Tottenham, London, England		Gas mains laying.
Reavell and Company (1916)	Ipswich, Suffolk, England.		Compressors and exhausters.

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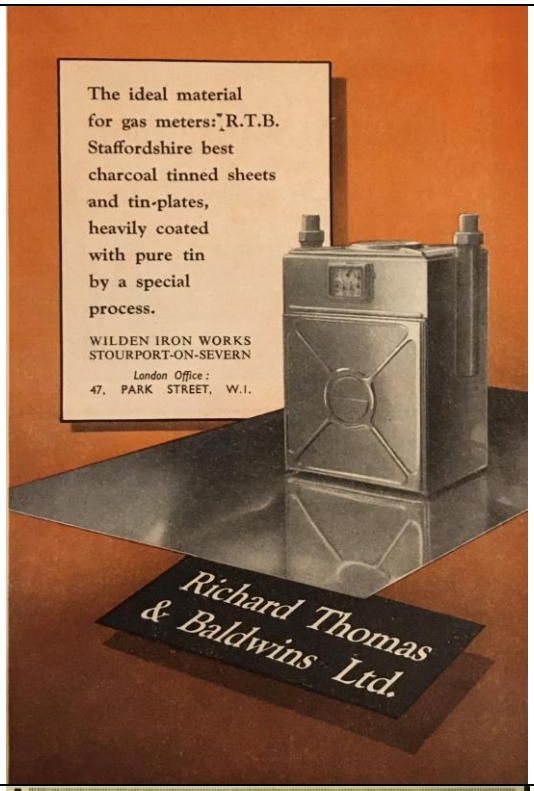
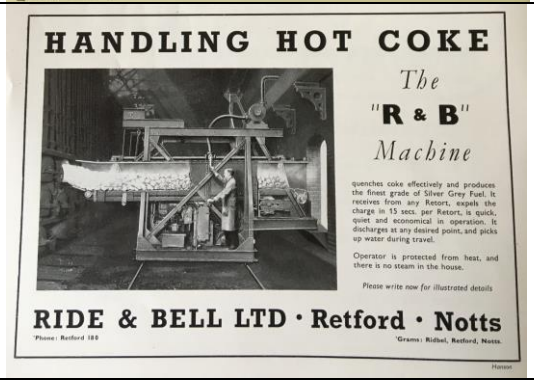
Richard Thomas & Baldwins Ltd. (1952)	Wilden Iron Works, Stourport on Severn, Worcestershire, England.		Tinned sheets and tin-plates.
The Richmond Stove Company. (1916)	Academy Street, Warrington, Cheshire, England.		Gas stoves and meters
Ride and Bell Ltd (1949)	Retford, Nottinghamshire, England.		Coke discharging, handling and quenching machine.

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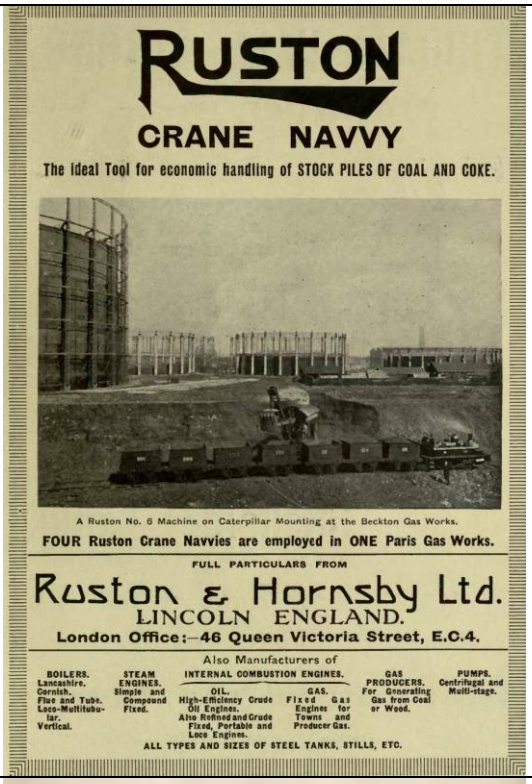
Ruston Excavators. (1921)	Ruston, Proctor and Co. Ltd, or Ruston & Hornsby Ltd, Lincoln, England.		Excavators, boilers, steam engines, gas and oil internal combustion engines, gas producers and pumps.
Sigma Instruments Co. Ltd. (1949)	Letchworth, Hertfordshire, England.		Manual or automatic controls

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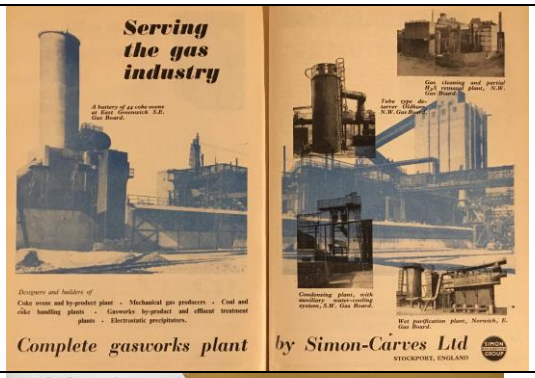
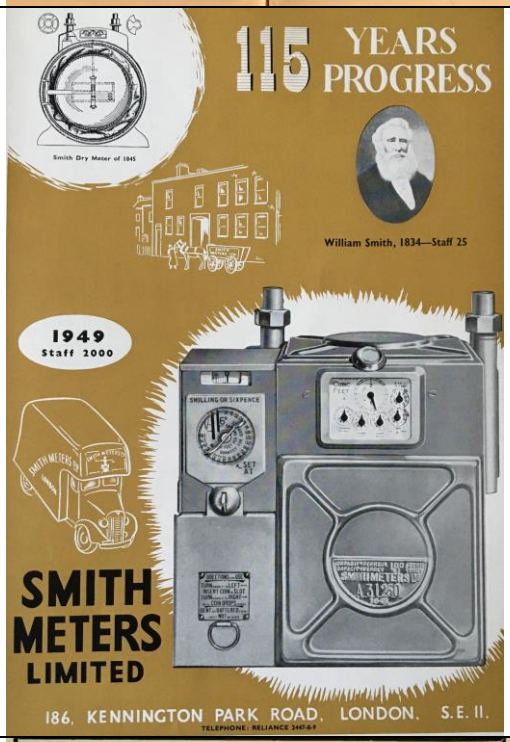
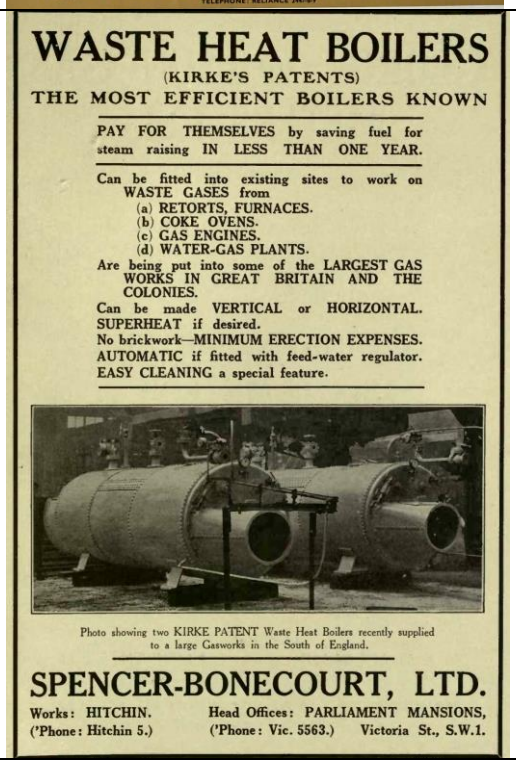
Simon-Carves Ltd (1952)	Stockport, Cheshire, England.		Complete gasworks plant.
Smith Meters Ltd. (1949)	186 Kennington Park Road, London, England.		Gas meters
Spencer-Bonecourt Ltd	Hitchin, Hertfordshire, England & Parliament Mansions, Victoria St. London, England.		Waste Heat Boilers/

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The Standard Furnace Setting Co. Ltd. (1952)	Southport, Lancashire, England.		Carbonising plants.
Stanton Ironworks Co. Ltd.	Nottingham, England.		Spun iron pipes and flexible joints.

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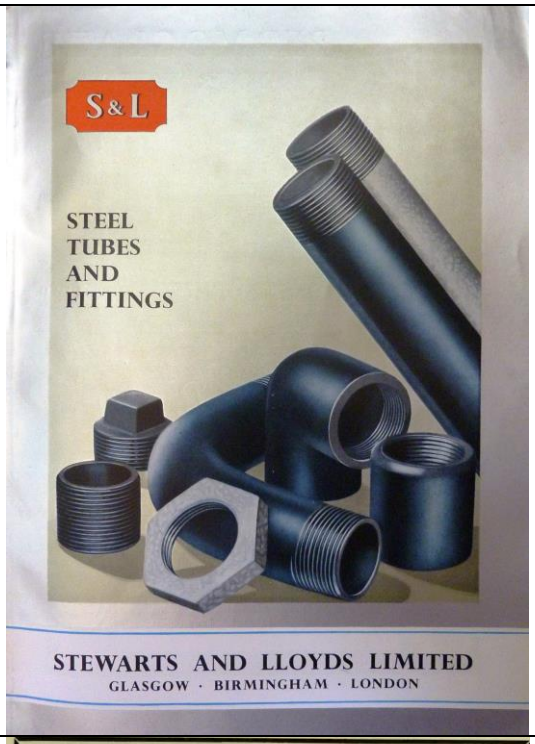
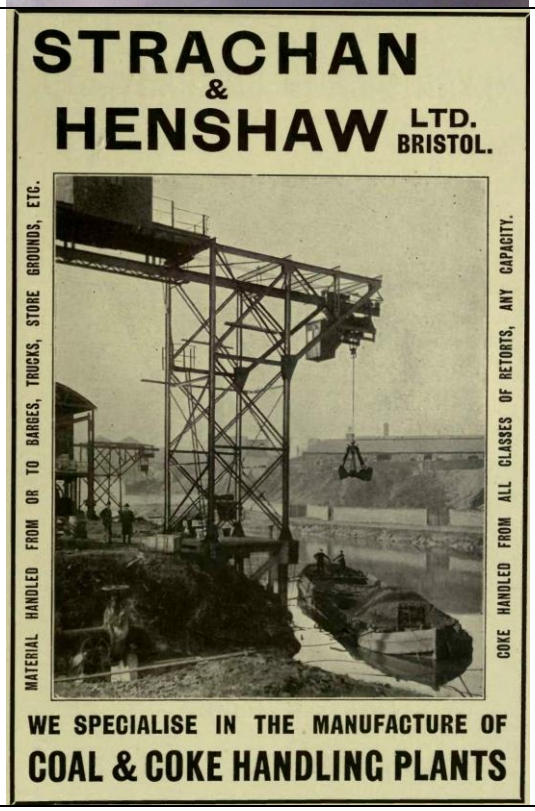
Stewarts and Lloyds Ltd (1949).	Glasgow, Scotland. Birmingham, England. London, England.		Steel tubes and fittings.
Strachan and Henshaw Ltd. (1921)	Bristol, England.		Conveying and handling systems.

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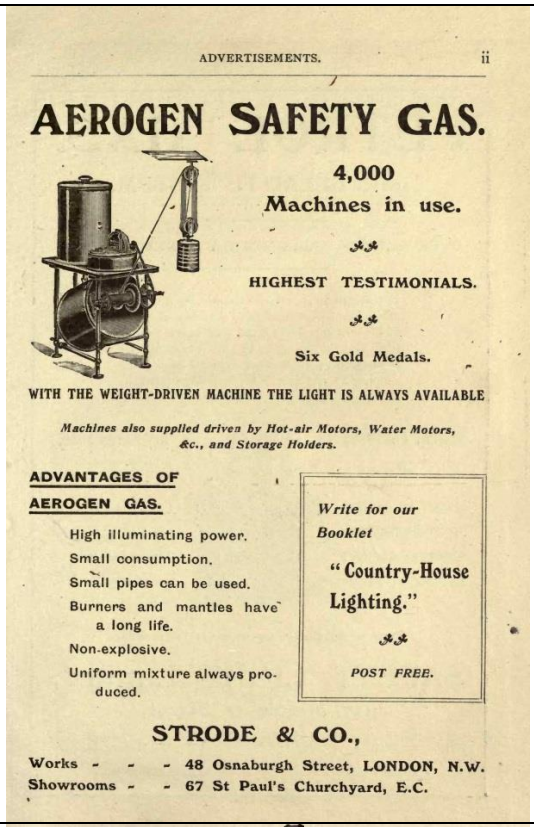
Strode & Co. (1909)	Osnaburgh Street, London, England.	 ADVERTISEMENTS. ii AEROGEN SAFETY GAS. 4,000 Machines in use. HIGHEST TESTIMONIALS. Six Gold Medals. WITH THE WEIGHT-DRIVEN MACHINE THE LIGHT IS ALWAYS AVAILABLE Machines also supplied driven by Hot-air Motors, Water Motors, &c., and Storage Holders. ADVANTAGES OF AEROGEN GAS. High illuminating power. Small consumption. Small pipes can be used. Burners and mantles have a long life. Non-explosive. Uniform mixture always produced. Write for our Booklet "Country-House Lighting." POST FREE. STRODE & CO., Works - - - 48 Osnaburgh Street, LONDON, N.W. Showrooms - - 67 St Paul's Churchyard, E.C.	Gas plant, including small gasworks, gas lights and later petrol air plant.
Sturtevant Engineering Co. Ltd. (c1920)	Queen Victoria Street, London.	 Sturtevant Gas Exhausting or Boosting Fan. Instal Sturtevant Gas Boosters and Exhausters for increasing the pressure in the mains and for sending gas to distant holders. For the manufacture of Carburetted Water Gas, use Sturtevant special heavy pattern Blowers. We shall be pleased to give you full particulars. Send us your Enquiries mentioning "G.P." Sturtevant Engineering Co. Ltd. 47 Queen Victoria Street, London. Sturtevant Carburetted Water Gas Plant driven by Steam Turbine.	Boosters.

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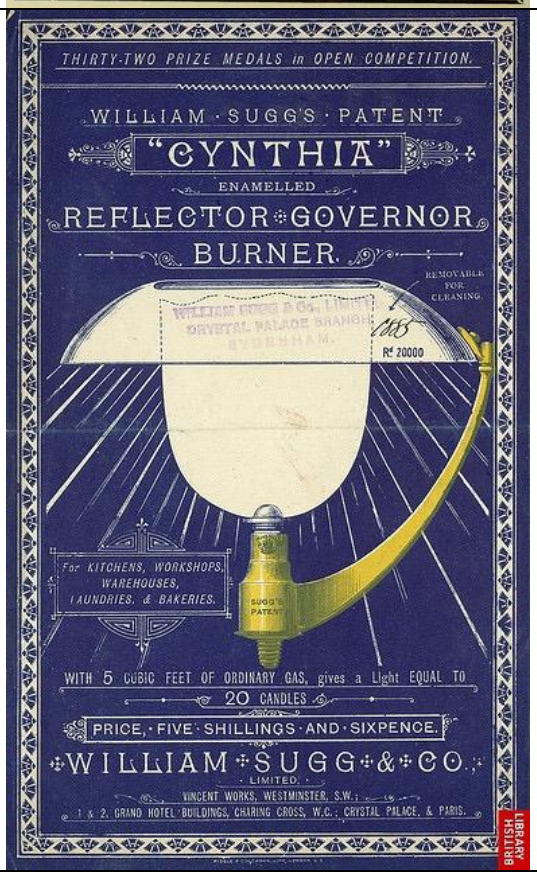
F.C. Sugden & Co Ltd. (1921)	10 East Parade, Leeds, England.		Furnace and retort settings.
William Sugg and Co. Ltd. (1885 & 1930)	Vincent Works, Westminster, England.		Gas lighting, cooking, heating appliances and incinerators.

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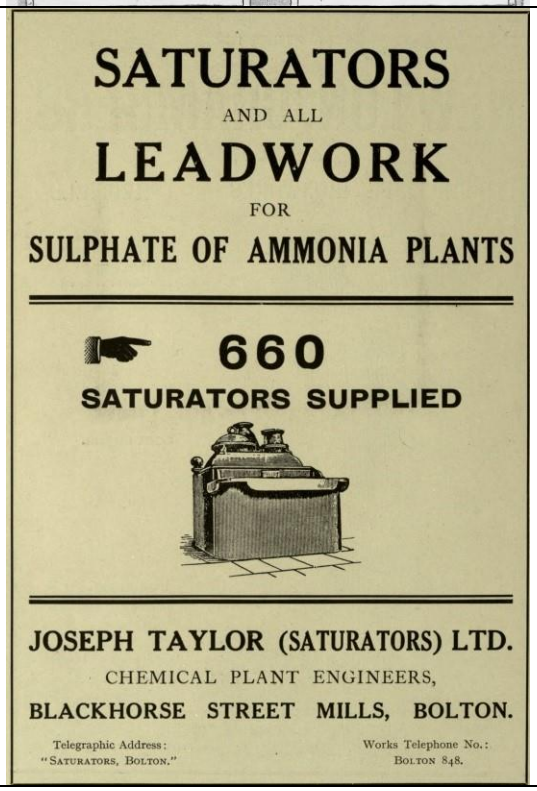
Joseph Taylor and Company. (1921)	Blackhorse Street, Bolton, England.		Chemical plant.

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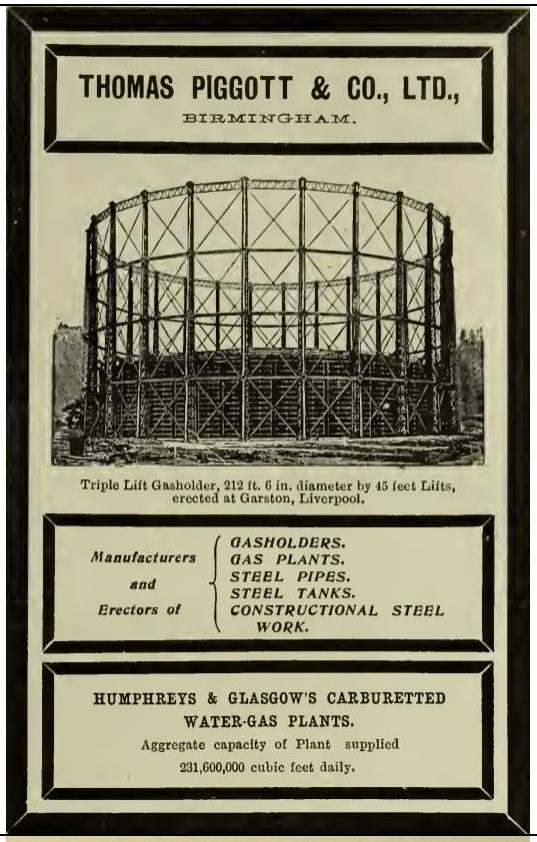
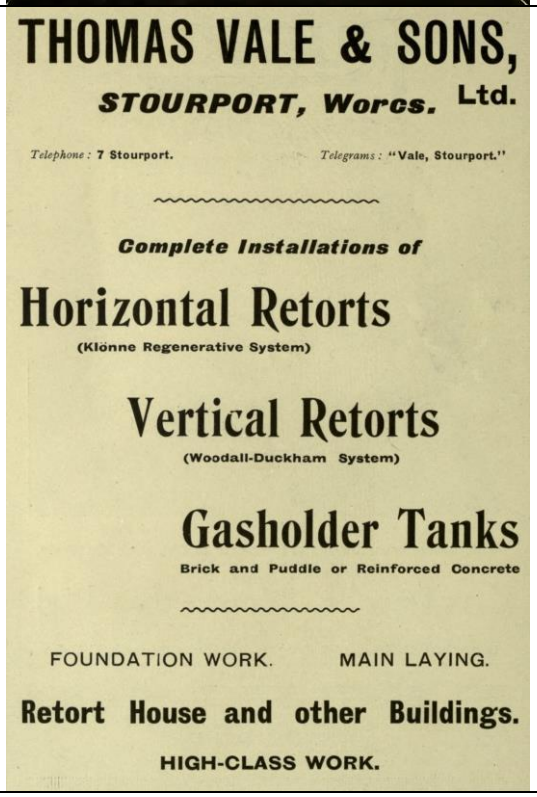
Thomas Piggott & Co. Ltd. Later part of Horseley Piggott (c1910)	Spring Hill, Birmingham, England.		Gasholders and gas plant.
Thomas Vale and Sons Ltd. (1921)	Stourport, Worcester, England.		Gasholders, retorts, retort houses and main laying.

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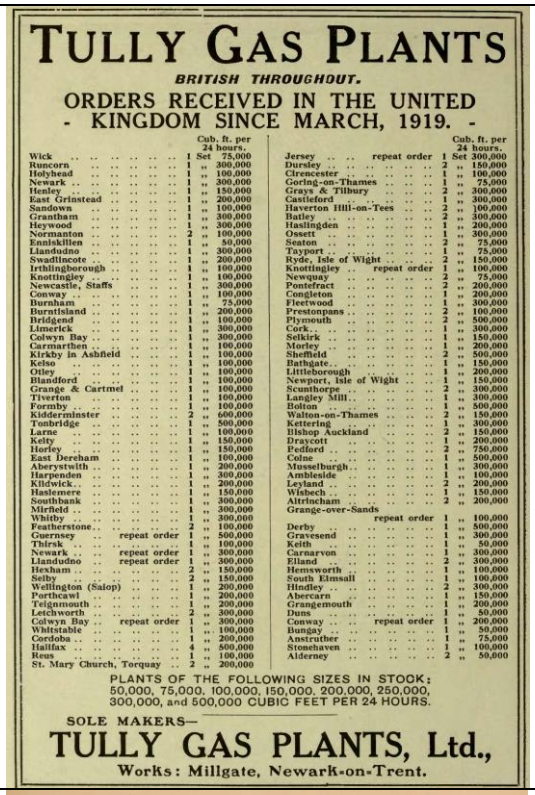
Tully Gas Plants Ltd. (1921)	Millgate, Newark on Trent, Nottinghamshire, England.	 TULLY GAS PLANTS BRITISH THROUGHOUT. ORDERS RECEIVED IN THE UNITED - KINGDOM SINCE MARCH, 1919. - Wick .. 1 Set 75,000 Runcorn .. 1 " 300,000 Holyhead .. 1 " 100,000 Newark .. 1 " 300,000 Henley .. 1 " 150,000 East Grinstead .. 1 " 200,000 Sandown .. 1 " 100,000 Grantham .. 1 " 300,000 Heywood .. 1 " 300,000 Normanton .. 2 " 100,000 Ennis Killen .. 1 " 50,000 Llandudno .. 1 " 300,000 Swadlincote .. 1 " 200,000 Irthlingborough .. 1 " 100,000 Knottingley .. 1 " 100,000 Newcastle, Staffs .. 1 " 300,000 Conway .. 1 " 100,000 Burnham .. 1 " 75,000 Burntisland .. 1 " 200,000 Bridgend .. 1 " 100,000 Limerick .. 1 " 300,000 Colwyn Bay .. 1 " 300,000 Carmarthen .. 1 " 100,000 Kirkby in Ashfield .. 1 " 100,000 Kelso .. 1 " 100,000 Otley .. 1 " 100,000 Blandford .. 1 " 100,000 Grange & Cartmel .. 1 " 100,000 Tiverton .. 1 " 100,000 Formby .. 1 " 100,000 Kidderminster .. 2 " 600,000 Tonbridge .. 1 " 500,000 Larne .. 1 " 100,000 Keity .. 1 " 150,000 Horley .. 1 " 150,000 East Dereham .. 1 " 100,000 Aberystwith .. 1 " 200,000 Harpenden .. 1 " 300,000 Kildwick .. 1 " 200,000 Haslemere .. 1 " 150,000 Southbank .. 1 " 300,000 Mirfield .. 1 " 300,000 Whitby .. 1 " 300,000 Featherstone .. 2 " 100,000 Guernsey .. repeat order 1 " 500,000 Thirsk .. 1 " 100,000 Newark .. repeat order 1 " 300,000 Llandudno .. repeat order 1 " 300,000 Hexham .. 2 " 150,000 Selby .. 2 " 150,000 Wellington (Salop) .. 1 " 200,000 Porthcawl .. 1 " 200,000 Teignmouth .. 1 " 200,000 Letchworth .. 2 " 300,000 Colwyn Bay .. repeat order 1 " 300,000 Whitstable .. 1 " 100,000 Cordoba .. 1 " 200,000 Halifax .. 4 " 500,000 Reus .. 1 " 100,000 St. Mary Church, Torquay .. 2 " 200,000 Jersey .. repeat order 1 Set 300,000 Dursley .. 2 " 150,000 Cirencester .. 1 " 100,000 Goring-on-Thames .. 1 " 75,000 Grays & Tilbury .. 2 " 300,000 Castleford .. 1 " 300,000 Haverton Hill-on-Tees .. 2 " 100,000 Batley .. 2 " 300,000 Haslingden .. 1 " 200,000 Ossett .. 1 " 300,000 Seaton .. 2 " 75,000 Tayport .. 1 " 75,000 Ryde, Isle of Wight .. 2 " 150,000 Knottingley .. repeat order 1 " 100,000 Newquay .. 2 " 75,000 Pontefract .. 2 " 200,000 Congleton .. 1 " 200,000 Fleetwood .. 1 " 300,000 Prestonpans .. 2 " 100,000 Plymouth .. 2 " 500,000 Cork .. 1 " 300,000 Selkirk .. 1 " 150,000 Morley .. 1 " 200,000 Sheffield .. 2 " 500,000 Bathgate .. 1 " 150,000 Littleborough .. 1 " 200,000 Newport, Isle of Wight .. 1 " 150,000 Scunthorpe .. 2 " 300,000 Langley Mill .. 1 " 300,000 Bolton .. 1 " 500,000 Walton-on-Thames .. 2 " 150,000 Kettering .. 1 " 300,000 Bishop Auckland .. 2 " 150,000 Draycott .. 1 " 200,000 Pedford .. 2 " 750,000 Colne .. 1 " 500,000 Musselburgh .. 1 " 300,000 Ambleside .. 1 " 100,000 Leyland .. 2 " 200,000 Wisbech .. 1 " 150,000 Altrincham .. 2 " 200,000 Grange-over-Sands repeat order 1 " 100,000 Derby .. 1 " 800,000 Gravesend .. 1 " 300,000 Keith .. 1 " 50,000 Carnarvon .. 1 " 300,000 Eland .. 2 " 300,000 Hemsworth .. 1 " 100,000 South Elmsall .. 1 " 100,000 Hindley .. 2 " 300,000 Abercarn .. 1 " 150,000 Grangemouth .. 1 " 200,000 Duns .. 1 " 50,000 Conway .. repeat order 1 " 200,000 Bungay .. 1 " 50,000 Anstruther .. 1 " 75,000 Stonehaven .. 1 " 100,000 Alderney .. 2 " 50,000 PLANTS OF THE FOLLOWING SIZES IN STOCK: 50,000, 75,000, 100,000, 150,000, 200,000, 250,000, 300,000, and 500,000 CUBIC FEET PER 24 HOURS. SOLE MAKERS— TULLY GAS PLANTS, Ltd., Works: Millgate, Newark-on-Trent.	
Urastone (cellactite & British Uralite Ltd) (1952)	Cellacite House, Whitehall Place, Gravesend, Kent & Higham, Kent. England	 SUPREME... ... HAND MADE BY KENTISH CRAFTSMEN URASTONE ASBESTOS-CEMENT FLUES & DUCTING URASTONE stands out unmatched for incorrosible flues and ventilating ducts—the ultimate refinement in Asbestos Cement. Other products include CELLACTITE—Permanent steel-cored corrugated sheeting and ventilators; KIMOLOBOARD—fireproof panelling board; ASBESTONE—asbestos-cement sheets, flat and corrugated and KIMOLO (Molar)—insulating bricks and hollow partition blocks. CELLACTITE & BRITISH URALITE LTD. CELLACTITE HOUSE, WHITEHALL PLACE, GRAVESEND, KENT. Telephone: Gravesend 4911 (6 lines). Telegrams: Cellactite, Gravesend, WORKS: HIGHAM, KENT. TAS/CL. 395	Asbestos cement flues and ducting.

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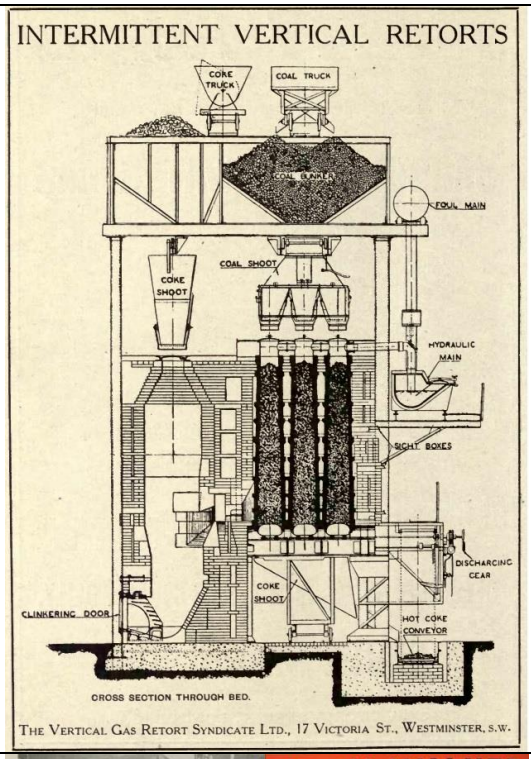
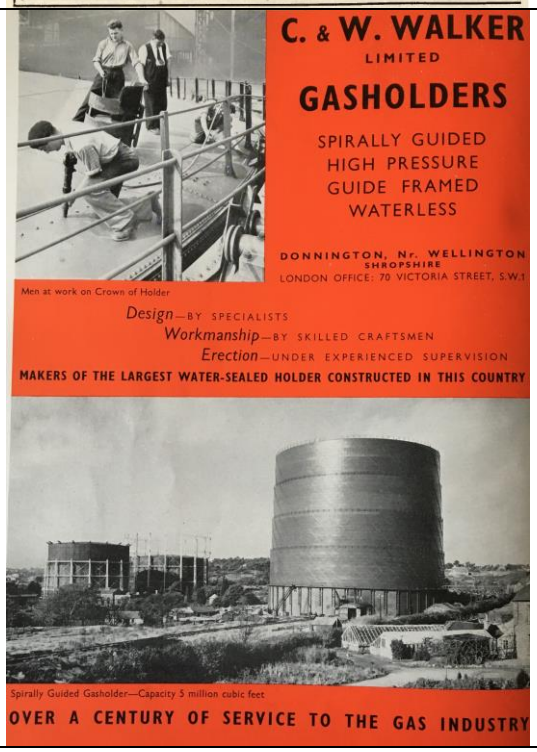
The Vertical Retort Syndicate Ltd. (1910)	Victoria Street, Westminster, England.		Retort systems.
C & W Walker Ltd (1949). (1949)	Midland Iron Works, Donnington, Newport Shropshire, England.		Gasholders and all types of Gas Plant.

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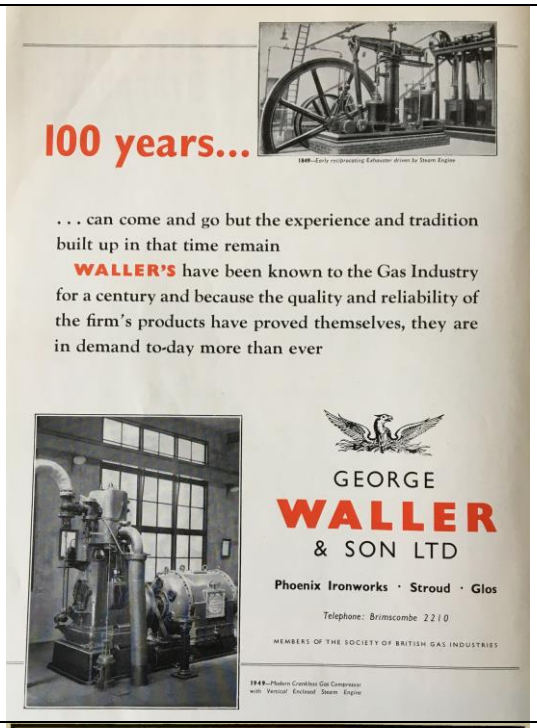
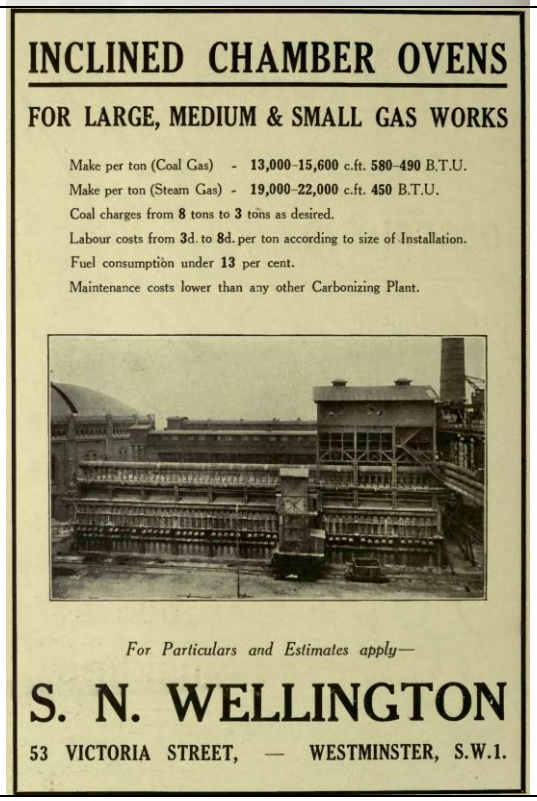
George Waller and Son Ltd. (1949)	Phoenix Iron Works, Stroud, England.		Exhausters.
S.N. Wellington. (1921).	53 Victoria Street, Westminster, England.		Inclined Chamber ovens.

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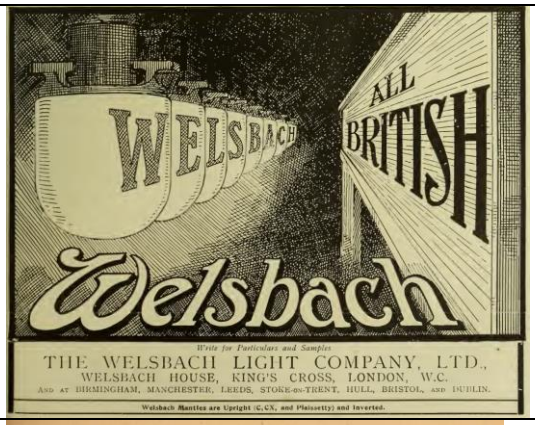
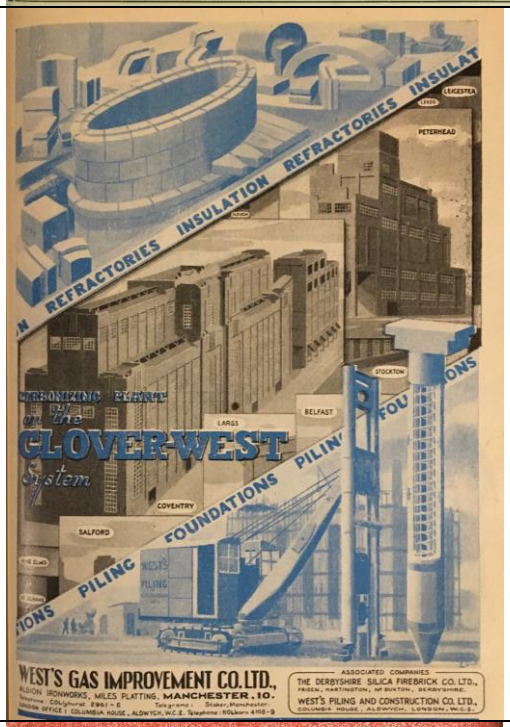
The Welsbach Light Company Ltd (1916).	Welsbach House, Kings Cross, London, England.		Gas mantles.
Wests Gas Improvement company (1952).	Albion Iron works, Miles Platting, Manchester, England.		All types of Gas Plant.
Wests Piling and Construction Co. Ltd. (1949).	Bath Road, Harmondsworth, Middlesex, England.		Piling specialists for gasworks structures and general construction.

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Westwood and Wrights Ltd. (1910).	Round Oak, Brierley Hill, and Queen's Cross, Dudley, Staffordshire, England.		All types of Gas Plant.
Whessoe Foundry Co. Ltd. (1949)	Darlington, England.		All types of Gas Plant.

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Whittaker Ellis (1949)	Belmont Works, Birmingham, England & 54 Victoria St. London, England.		Gas mains.
Willey & Company. (1900 & 1952)	Basin Works Exeter, Devon, England. Haven Road, St Thomas's Exeter, Devon England.		Gasholders and all types of gas plant.

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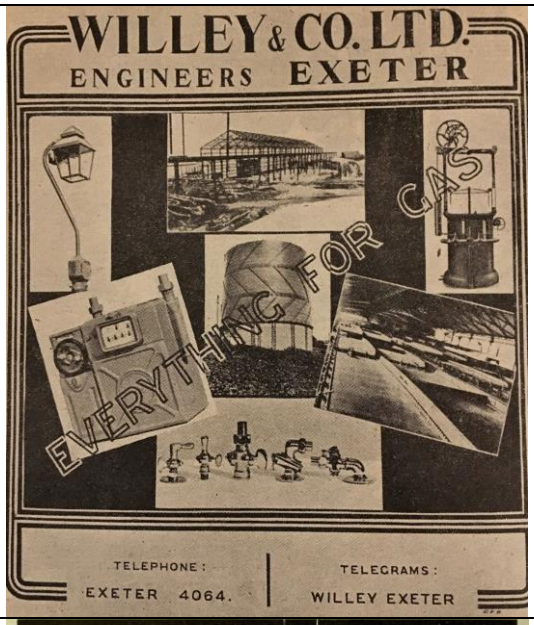
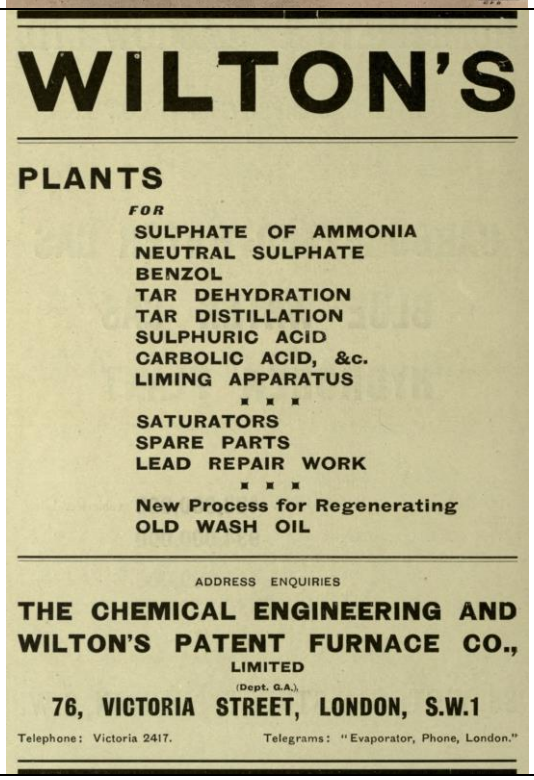
			
Wilton's (The Chemical Engineering and Wilton's Patent Furnace Co. Ltd. (1921)	London Road, Horsham, Sussex, England.		Stills, plant for tar works. Benzol and ammonia plants.

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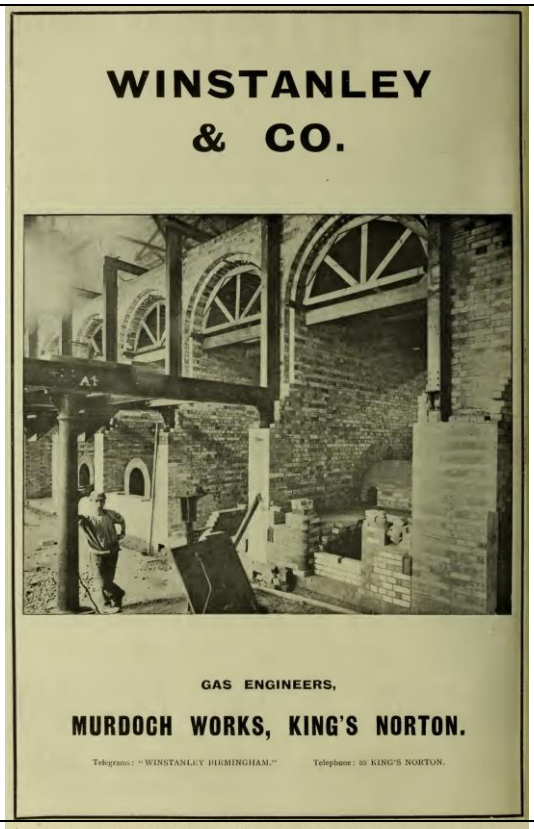
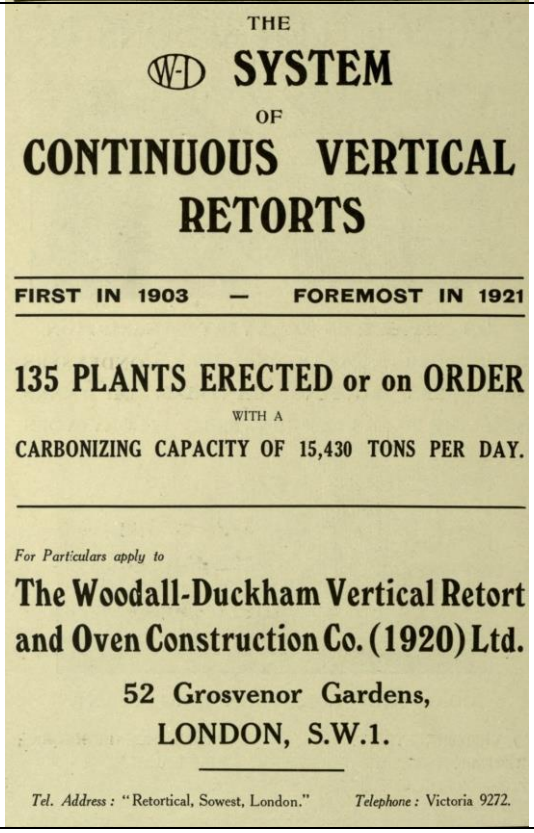
Winstanley & Co. (1910)	Murdoch Works, King's Norton, Birmingham, England.		Gas Engineers
The Woodall-Duckham Co. Ltd. And later The Woodall-Duckham Vertical Retort & Oven Construction Co. (1920) Ltd. (1912 & 1921)	Palace Chambers, Westminster. Later Ebury and Allington House, 136-150 Victoria St. London.		Retorts systems.

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		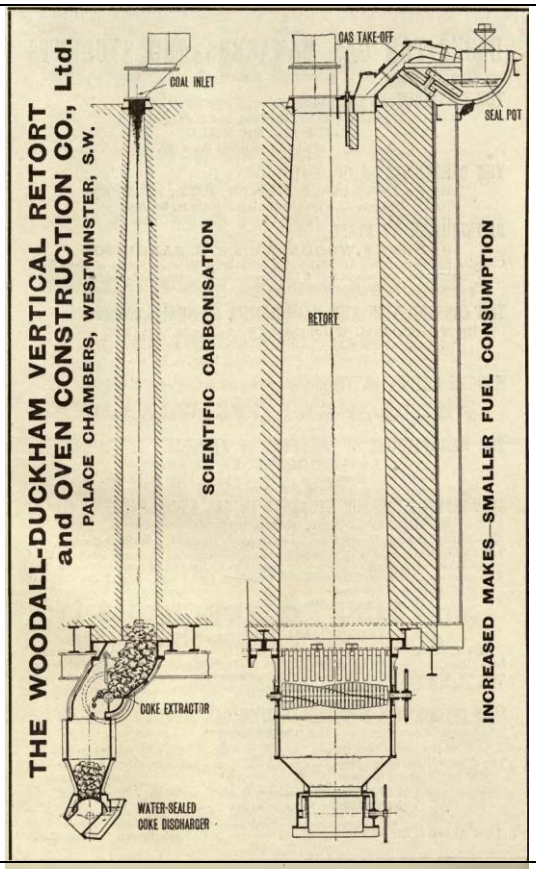	
John Wright and Company Ltd (1898).	Essex works, Birmingham and London.		Gas cookers and other gas appliances.

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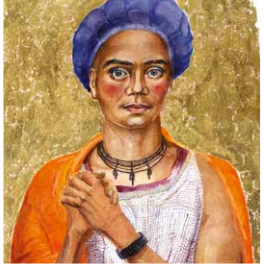

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